

FIRES IN TEXAS

Texas Fire Incident Reporting System

2002 Fire Statistics



**State Fire Marshal's Office
Texas Department of Insurance**

December 2003

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Dear Colleague:

For twenty-one years, the State Fire Marshal's Office has published annual fire data reports. These reports reflect information provided by the Texas fire service. In 2002, 681 fire departments contributed information, via the Texas Fire Information Reporting System, to our office. I deeply appreciate the commitment of the fire service for providing this information. Without it, we would not have an accurate depiction of the devastating impact caused by fire.

To fully understand this negative impact, state leadership, the fire service and citizens must increase their understanding of destructive fire. During 2002, fire departments reported 72,347 fires. These fires resulted in 129 deaths, 1,259 injuries and \$373,020,577 in property loss. Of course these statistics fall short of telling the whole story. The heartache and disruption to people's lives can not be measured or explained by counting incidents.

A fire occurs in Texas every seven minutes. While the number of reported fires has slightly declined over the past two years, the injuries, loss of life and property damage resulting from these fires remain a source of great concern.

To emphasize the need to create imaginative fire prevention initiatives at the community level, we will soon offer selected data on our Internet web site that will permit self-initiated analysis and report generation.

The State Fire Marshal's Office urges state leadership and members of the Texas fire service to contact us for specialized fire-related research. The depth of information contained in the TEXFIRS database is extensive.

As the State Fire Marshal, I sincerely hope that the information contained in this 28th edition of Fires in Texas is used to enhance fire suppression, rescue, prevention and education efforts across the state. By combining this information with the availability of fire prevention grant funding and current prevention and educational tools, the Texas fire service, city and county leadership, education professionals and other community service providers can better address the negative impact of fire.

I am confident that working together we can dramatically reduce the catastrophic impact of fire in our state.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Mike Davis".

G. Mike Davis
State Fire Marshal

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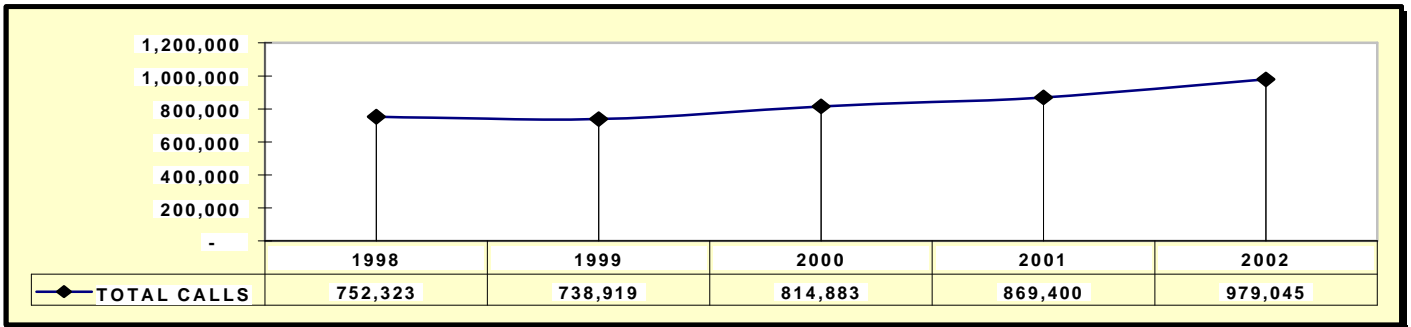
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All Incidents

This report contains summary information from **681** fire departments for incidents during year 2002, January 1 through December 31. These departments protected 16,029,842 people or approximately **73%** of the state's population, according to the latest census estimates. The average population covered by a reporting department was 24,548.

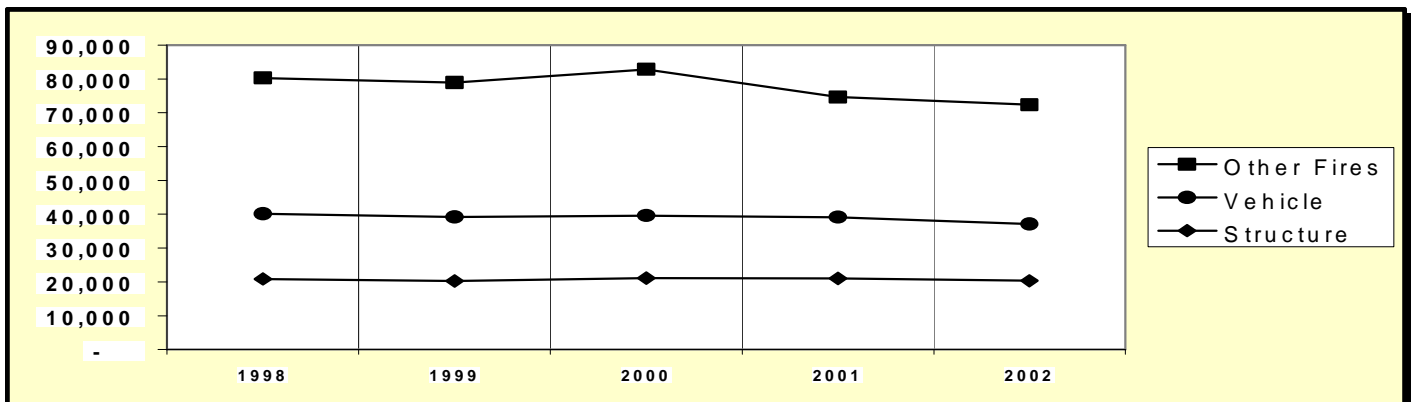


Fire departments reported a total of **979,045 fire and non-fire incidents** during the year, an increase of **109,645 (13%)**. As a result of changes in the new reporting system, total calls will now include some previously unclassified non-fire incidents in the "All Other Calls" category.

Fires

Type of Fire	1998	1999	2000	2001	2002
Structure	20,881	20,279	21,134	21,033	20,352
Vehicle	19,230	18,900	18,440	18,118	16,747
Outside and Other	40,137	39,770	43,269	35,463	35,248
TOTAL FIRES	80,248	78,949	82,843	74,614	72,347

Fire departments reported a total of **72,347 fires** for this period, a decrease of **2,267 (3%)**.



There were **35,248 outside or other types of fires**, a slight decrease of **215 (1%)**, **16,747 vehicle fires**, a decrease of **1,371 (8%)**, and **20,352 structure fires**, a decrease of **681 (3%)**.

There were **129 reported fire-related fatalities**: 128 civilians and one fire fighter. There were **1,259 fire-related injuries**: 858 civilian and 401 fire fighters. Fatalities and injuries reported by a department providing mutual aid are not included in this summary data.

Other Calls

Includes incidents involving overpressure ruptures, explosions and overheating with no ensuing fire, rescue and medical service incidents, hazardous condition calls, service calls such as animal problems, assistance to the police, assisting invalids, standby at fire station, and good intent calls such as cancelled en route calls, controlled burning, smoke scare and hazmat investigation with no hazardous condition found.

	1998	1999	2000	2001	2002
Overpressure Ruptures	2,209	2,133	2,883	3,113	3,062
Rescue/EMS Calls	342,719	339,910	380,675	432,331	534,866
Hazardous Condition Calls	43,316	40,566	43,839	49,774	52,367
Service Calls	57,548	54,827	60,596	61,280	67,017
Good Intent Calls	90,155	88,024	97,278	97,104	97,074

There was a decrease of **2%** in **Overpressure Ruptures**, an increase of **24%** in **Rescue/EMS Calls**, an increase of **5%** in **Hazardous Condition Calls**, an increase of **9%** in **Service Calls**, and a slight decrease **.04%** in **Good Intent Calls**.

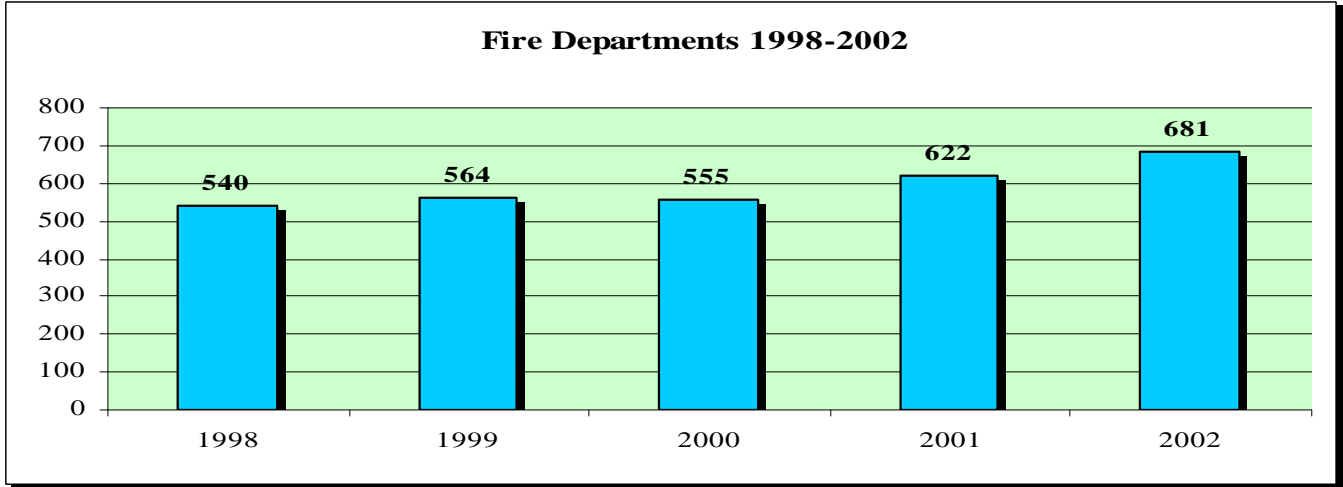
False Calls	1998	1999	2000	2001	2002
Malicious	13,088	12,366	12,830	13,235	12,733
Other False Calls	<u>91,008</u>	<u>92,775</u>	<u>102,712</u>	<u>106,621</u>	<u>106,794</u>
Total False Calls	104,096	105,141	115,542	119,856	119,527

There was a slight decrease of **.3%** in total **False Calls**.

	1998	1999	2000	2001	2002
Severe Weather and Natural Disaster (new category)			164	436	729
Mutual Aid Given	22,183	19,565	19,113	18,867	23,763
All Other Calls	9,849	9,804	11,950	12,025	8,293
TOTAL CALLS	752,323	738,919	814,883	869,400	979,045

Fire Department Participation

For the second year in a row we have seen an increase in fire department participation in the TEXFIRS program. In 2001 we had an increase of 12% and in 2002 we saw an increase of more than 9%. The number of fire departments reporting should be considered when reviewing data comparisons between years.



Fire Dollar Loss

	1998	1999	2000	2001	2002
TOTAL DOLLAR LOSS	\$352,395,715	\$376,531,754	\$367,632,909	\$396,384,970	\$373,020,577

The total dollar loss from these fires was \$373,020,577. Dollar losses represent "best estimates" by fire fighters responding to fire incidents and are used solely for statistical purposes. Some dollar losses for fires were not reported or were reported as "unknown" because lack of time and/or information prohibited the estimation of losses.

Uses of TEXTFIRS

For the past twenty years, Texas has participated in the collection of fire department incident information through TEXTFIRS, the only statewide uniform system of fire and non-fire incident reporting.

Fire departments use this reporting system to uniformly code incident information. Accurate and complete information about fires and other incidents can provide a fire department with a valuable reference to:

- help allocate limited resources;**
- justify budget needs;**
- review the need for personnel training; and**
- focus the direction of fire education/prevention programs.**

State lawmakers, the press, the general public, insurance companies, and fire service administrators and leaders request TEXTFIRS summary reports to help address fire safety concerns and new legislation issues.

Texas adopted the National Fire Incident Reporting System, NFIRS 5.0, as the TEXTFIRS reporting system, without modification. This year's *FIRES IN TEXAS* is the third annual report incorporating this new system, Version 5.0. ***Changes in the data collected and categories utilized should be considered when previous years' data are compared or trends are reviewed.***

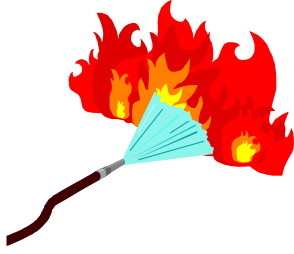
TEXTFIRS/NFIRS data is forwarded to the National Fire Data Center (NFDC) at the U.S. Fire Administration each year. The NFDC can then compare and contrast statistics from states and large metropolitan departments to:

- develop national public education campaigns;**
- make recommendations for national codes and standards;**
- guide allocation of federal funds;**
- ascertain consumer product failures;**
- identify the focus for research efforts; and**
- support federal legislation.**

NFIRS data is used as the basis for the USFA's publication *Fire in the United States*, which is the single most comprehensive reference on the nature and scope of the fire problem in the United States.

NFIRS data is also used by the

- Consumer Product Safety Commission (CPSC),
- International Association of Fire Chiefs (IAFC),
- International Association of Fire Fighters (IAFF),
- National Association of State Fire Marshals (NASFM),
- National Fire Protection Association (NFPA),
- National Highway Traffic Safety Administration (NHTSA),
- National Volunteer Fire Council (NVFC).



All Fires

This summary report is a statistical presentation of fire incident information submitted by all participating fire departments and should be considered a tool to better understand the fire problem in our state.

The U.S. continues to have one of the highest fire death rates in the industrialized world. Fire kills more Americans than all natural disasters combined. According to the National Fire Protection Association, an estimated 3,380 civilians lost their life to fire in 2002. Nationwide there was a civilian fire death in the home every 156 minutes.

After a 14% decrease in the number of fire-related deaths in 2001, Texas realized a 7% increase in the number of fire-related deaths in 2002.

There were 128 civilian fire deaths in Texas in 2002, 70% occurring in the home. A residential structure fire occurred every 34 minutes. Most civilian deaths (29%) in residential property involved the elderly (aged 65 and over).

There were 72,347 fires reported to TEXFIRS during 2002, a fire every 7 minutes. These fires resulted in 129 deaths, 1,259 injuries and \$373,020,577 in property loss.

Fire department participation in incident reporting increased 9% during the year, with a 3% decrease in the total number of fires reported.

There were 20,352 fires in structures, resulting in 89 deaths, 1,069 injuries and \$305,742,125 in property damage. A structure fire occurred every 26 minutes.

Most structure fires occurred on residential property. Structure fires were responsible for 85% of the injuries and 70% of the deaths in all reported fires.

There were 10,083 incendiary/suspicious fires, resulting in 26 deaths, 168 injuries and \$76,825,633 in property loss. An incendiary/suspicious fire occurred every 52 minutes.

Texas saw a 14% decrease in the number of incendiary/suspicious fires reported and realized a 44% increase in the number of deaths resulting from these fires.

Incendiary/suspicious fires were responsible for 20% of deaths and 13% of injuries in all fire-related incidents.

Most fires occurred during the month of January.

Most fire-related casualties occurred in March.

Most fires occurred during the hours of 4:01 PM and 8:00 PM.

There were 365 fires determined to be caused by fireworks, an annual decrease of 42%.

Overview of Year 2002 Texas Fires

All Fires

In 2002, there were	72,347 fires,	129 deaths,	1,259 injuries, and	\$373,020,577	in property loss.
Each month, there were	6,029 fires,	11 deaths,	105 injuries, and	\$31,085,048	in property loss.
Each week, there were	1,391 fires,	2 deaths,	24 injuries, and	\$7,173,473	in property loss.
Each day, there were	198 fires,	0.4 deaths,	3 injuries, and	\$1,021,974	in property loss.
Each hour, there were	8 fires,	0 deaths,	0 injuries, and	\$42,582	in property loss.
Each minute, there were	0.14 fires,	0.00 deaths,	0.00 injuries, and	\$710	in property loss.
A fire occurred approximately every 7 minutes.					

Structure Fires

In 2002, there were	20,352 fires,	89 deaths,	1,069 injuries, and	\$305,742,125	in property loss.
Each month, there were	1,696 fires,	7 deaths,	89 injuries, and	\$25,478,510	in property loss.
Each week, there were	391 fires,	1.7 deaths,	21 injuries, and	\$5,879,656	in property loss.
Each day, there were	56 fires,	0 deaths,	3 injuries, and	\$837,650	in property loss.
Each hour, there were	2 fires,	0 deaths,	0 injuries, and	\$34,902	in property loss.
Each minute, there were	0.04 fires,	0.00 deaths,	0.00 injuries, and	\$582	in property loss.
A fire occurred approximately every 26 minutes.					

Residential Fires

In 2002, there were	15,442 fires,	89 deaths,	929 injuries, and	\$221,905,113	in property loss.
Each month, there were	1,287 fires,	7 deaths,	77 injuries, and	\$18,492,093	in property loss.
Each week, there were	297 fires,	2 deaths,	18 injuries, and	\$4,267,406	in property loss.
Each day, there were	42 fires,	0 deaths,	3 injuries, and	\$607,959	in property loss.
Each hour, there were	2 fires,	0 deaths,	0 injuries, and	\$25,332	in property loss.
Each minute, there were	0.03 fires,	0.00 deaths,	0.00 injuries, and	\$422	in property loss.
A fire occurred approximately every 34 minutes.					

Incendiary/Suspicious Fires

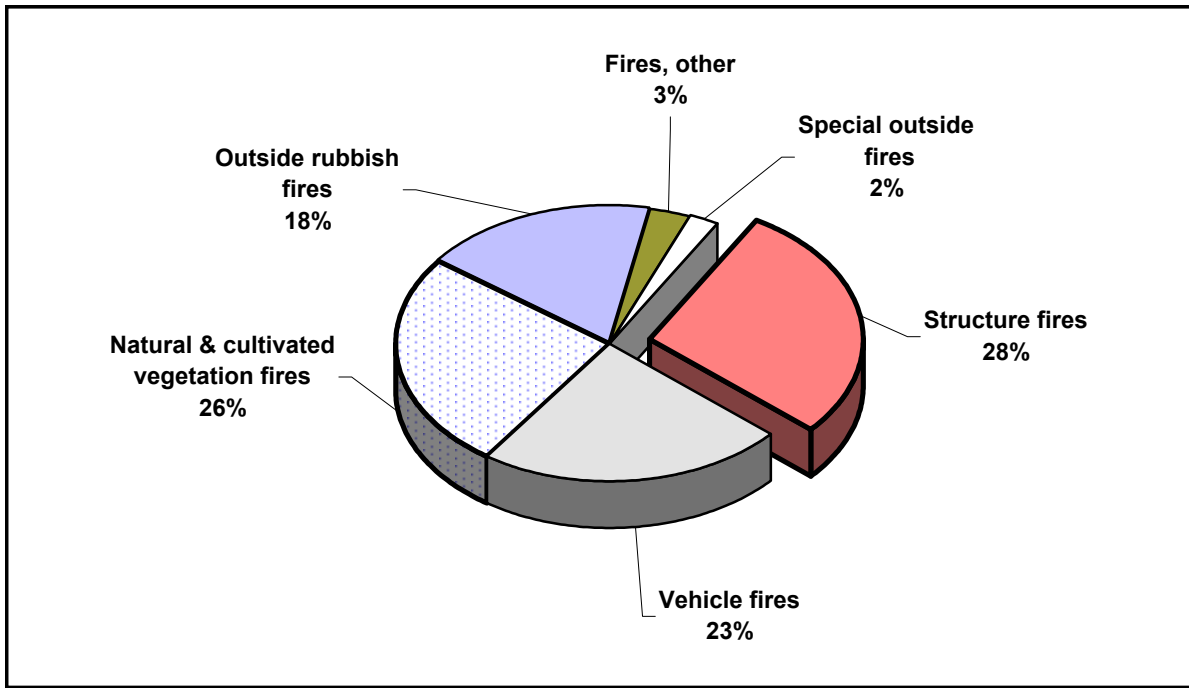
In 2002, there were	10,083 fires,	26 deaths,	168 injuries, and	\$76,825,633	in property loss.
Each month, there were	840 fires,	2 deaths,	14 injuries, and	\$6,402,136	in property loss.
Each week, there were	194 fires,	0.5 death,	3 injuries, and	\$1,477,416	in property loss.
Each day, there were	28 fires,	0 deaths,	0 injuries, and	\$210,481	in property loss.
Each hour, there were	1 fire,	0 deaths,	0 injuries, and	\$8,770	in property loss.
Each minute, there were	0.02 fires,	0.00 deaths,	0.00 injuries, and	\$146	in property loss.
A fire occurred approximately every 52 minutes.					

Total Fires, Casualties and Dollar Loss by Fire Type

The following table shows the type of fires and the associated casualties and dollar loss.

Types of Fires	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Total Casualties	Dollar Loss
Structure fires	20,352	325	0	744	89	1,158	\$305,742,125
Vehicle fires	16,747	14	0	60	32	106	\$59,966,341
Natural & cultivated vegetation fires	18,496	46	1	14	2	63	\$2,416,903
Outside rubbish fires	13,022	10	0	3	1	14	\$458,670
Fires, other	2,172	4	0	20	2	26	\$2,010,685
Special outside fires	1,558	2	0	17	2	21	\$2,425,853
Totals	72,347	401	1	858	128	1,388	\$373,020,577

Types of Fires by Percentage of Total

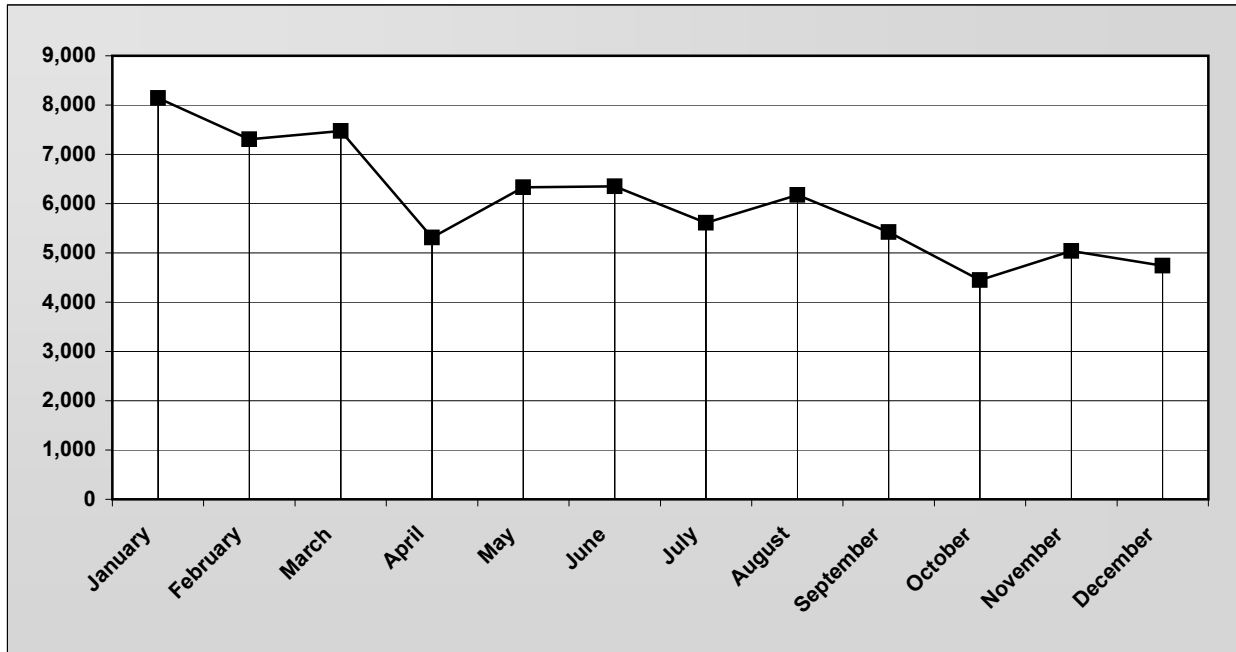


Total Fires, Casualties and Dollar Loss by Month

The following table shows all fires by month, with the associated casualties and dollar loss.

Month	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Total Casualties	Dollar Loss
January	8,144	29	0	115	19	163	\$34,236,864
February	7,305	39	0	99	17	155	\$33,032,265
March	7,471	66	0	77	22	165	\$29,966,974
April	5,312	26	0	59	12	97	\$22,785,256
May	6,331	31	0	71	7	109	\$29,606,321
June	6,348	32	0	47	4	83	\$28,690,091
July	5,610	49	0	75	7	131	\$66,388,583
August	6,175	42	1	69	6	118	\$30,839,743
September	5,420	32	0	47	9	88	\$30,364,435
October	4,450	16	0	61	6	83	\$16,679,281
November	5,041	21	0	78	10	109	\$25,735,462
December	4,740	18	0	60	9	87	\$24,695,302
Totals	72,347	401	1	858	128	1,388	\$373,020,577

Total Fires by Month

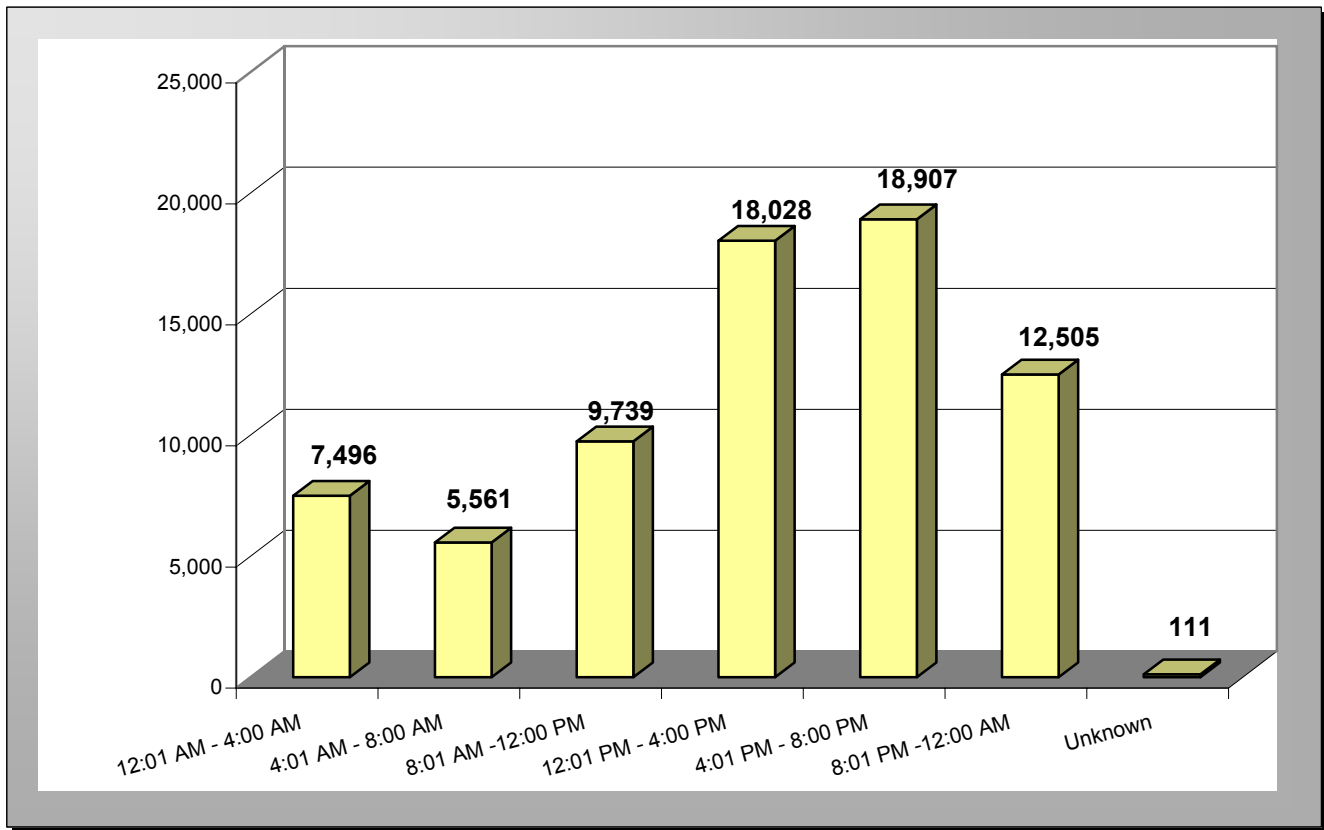


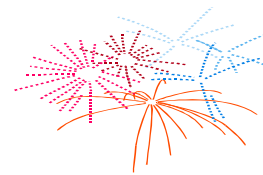
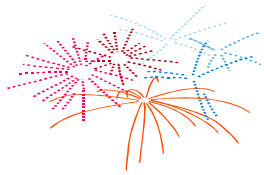
The greatest number of fires, **22%**, occurred during the months of **January** and **March**.

Time of Alarm by Type of Fire

Alarm Time Interval	Total Fires	Structure Fires	Vehicle Fires	Natural & Cultivated Vegetation Fires	Outside Rubbish Fire	Fire, Other	Special Outside Fire
12:01 AM - 4:00 AM	7,496	2,492	2,434	841	1,410	166	153
4:01 AM - 8:00 AM	5,561	2,074	1,860	539	769	187	132
8:01 AM -12:00 PM	9,739	3,158	2,280	2,097	1,593	339	272
12:01 PM - 4:00 PM	18,028	4,145	3,392	6,954	2,715	477	345
4:01 PM - 8:00 PM	18,907	4,812	3,778	5,635	3,697	592	393
8:01 PM -12:00 AM	12,505	3,655	2,974	2,386	2,822	407	261
Unknown	111	16	29	44	16	4	2
Totals	72,347	20,352	16,747	18,496	13,022	2,172	1,558

Time of Alarm for All Types of Fires



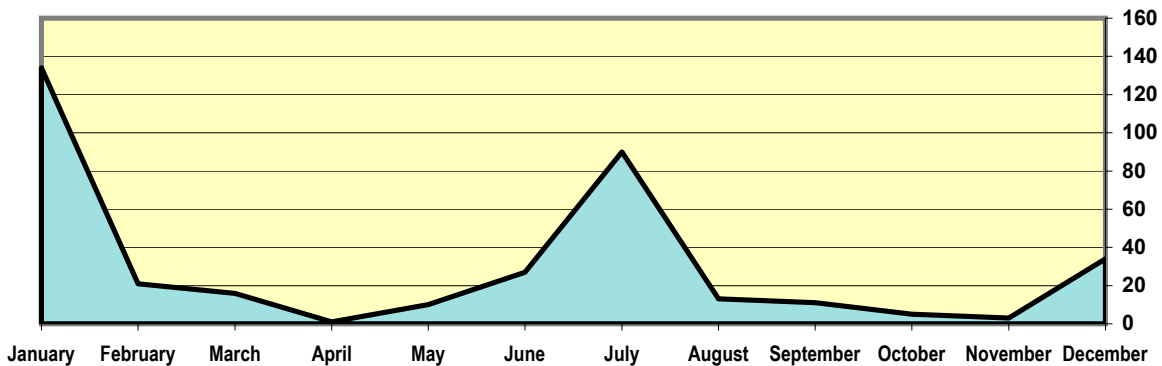


Fires Caused by Fireworks

The following table shows the number of reported fires caused by fireworks each month along with the associated casualties and dollar loss.

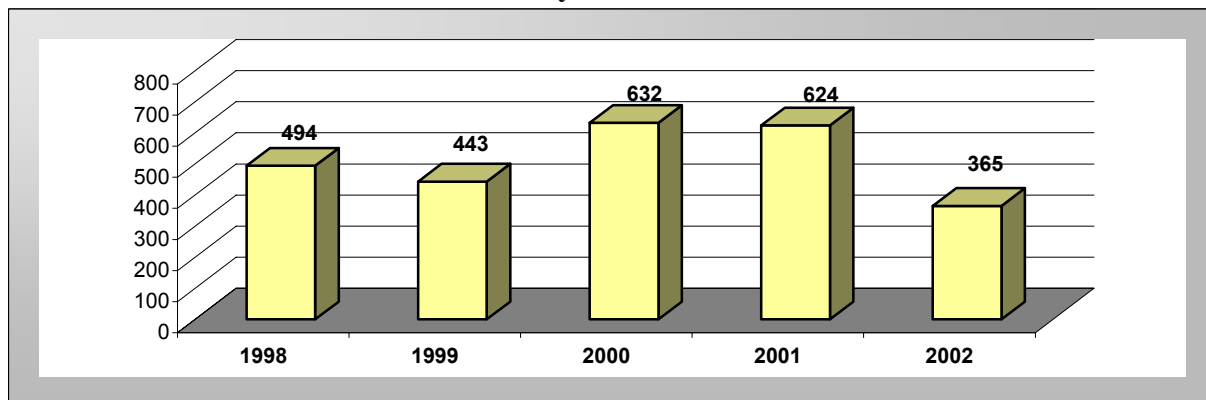
Month	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Loss
January	134	0	0	2	0	\$257,310
February	21	0	0	1	0	\$200
March	16	0	0	0	0	\$300
April	1	0	0	0	0	\$0
May	10	0	0	2	0	\$254
June	27	0	0	1	0	\$750
July	90	0	0	0	0	\$151,520
August	13	0	0	1	0	\$35,100
September	11	0	0	0	0	\$23,300
October	5	0	0	0	0	\$13,300
November	3	0	0	0	0	\$525
December	34	0	0	0	0	\$19,400
Totals	365	0	0	7	0	\$501,959

Fires Caused by Fireworks by Month



Most fires caused by fireworks, **21%**, occurred during the month of **January**.

Fires Caused by Fireworks 1998-2002



There was a decrease of **42%** in the number of fireworks-related fires.

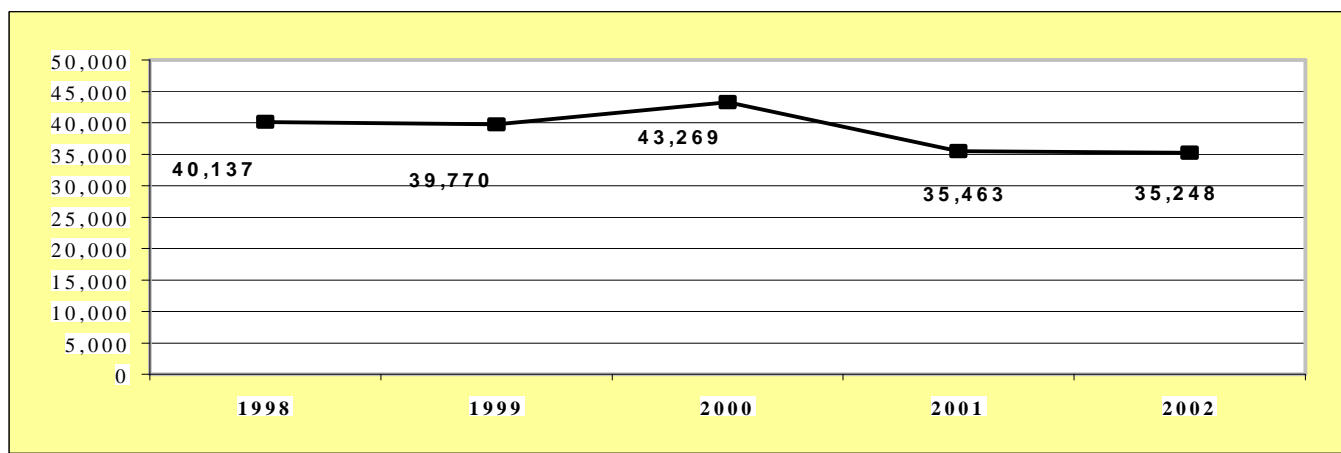


Outside and Other Fires

Fire departments reported 35,248 outside and other fires for this period, the most fires in any single fire category. This type of fire includes rubbish, trees, brush and grass fires, as well as any other type of fire not considered as a vehicle or a structure fire.

Seven civilian fatalities, one fire service fatality, 54 civilian injuries, 62 fire service injuries and property loss estimated at \$7,312,111 resulted from outside and other fires.

Total Outside and Other Fires 1998 - 2002



There was a slight decrease of **0.6%** in the total number of outside and other fires.

Counties with the Greatest Number of Outside and Other Fires

County	Total	County	Total
Dallas	5,034	Collin	551
Harris	3,747	Potter	542
Bexar	2,620	Jefferson	471
Tarrant	1,831	Johnson	448
Hidalgo	1,416	Galveston	434
El Paso	1,200	Bell	419
Cameron	1,185	Ellis	413
Travis	1,145	Gregg	411
Denton	721	Grayson	349
Nueces	714	Webb	348

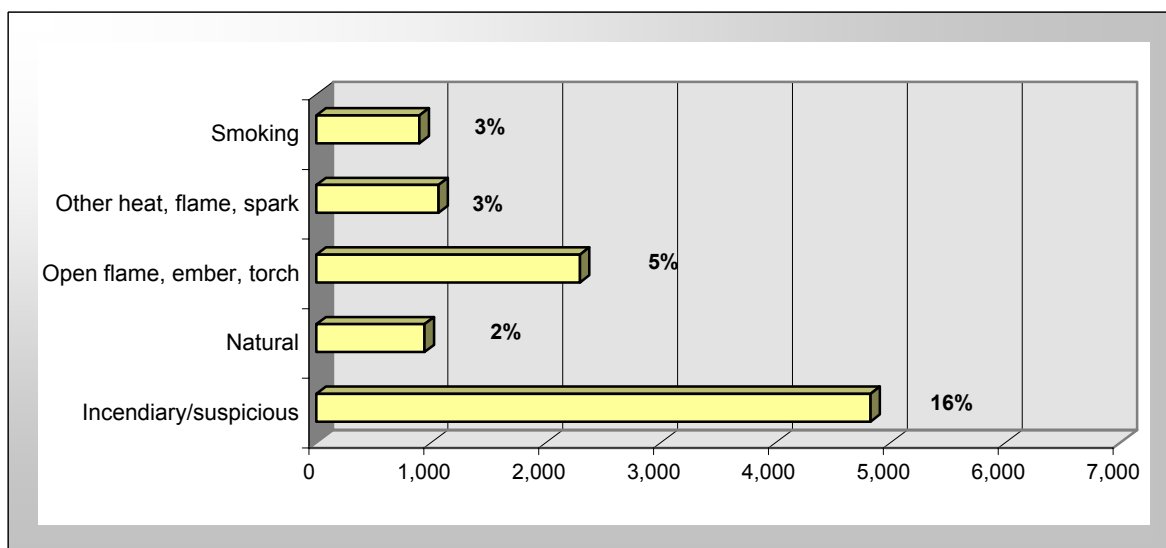
More than **68%** of all outside and other fires occurred in 10 counties.

Fire Cause in Outside and Other Fires

The following table shows the number of outside and other fires by identified cause.

Fire Cause	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Loss
Appliances, air conditioning	74	0	0	0	0	\$71,469
Children playing	289	1	0	4	1	\$14,622
Cooking	145	1	0	2	0	\$35,559
Electrical distribution	391	2	0	6	0	\$394,397
Exposure	694	1	0	0	0	\$323,655
Heating	46	0	0	3	0	\$168,504
Incendiary/suspicious	4,825	7	0	3	0	\$793,437
Natural	942	5	0	2	0	\$1,087,967
Open flame, ember, torch	2,295	12	0	13	1	\$124,079
Other equipment	114	0	0	0	0	\$459,743
Other heat, flame, spark	1,064	3	0	1	0	\$459,392
Smoking	898	1	0	1	0	\$60,029
Unknown	23,471	29	1	19	5	\$3,319,258
Totals	35,248	62	1	54	7	\$7,312,111

Most Frequently Identified Causes of Outside and Other Fires



14% of outside and other fires was identified as incendiary/suspicious and included more than **11%** of the total dollar loss in all outside and other fires.

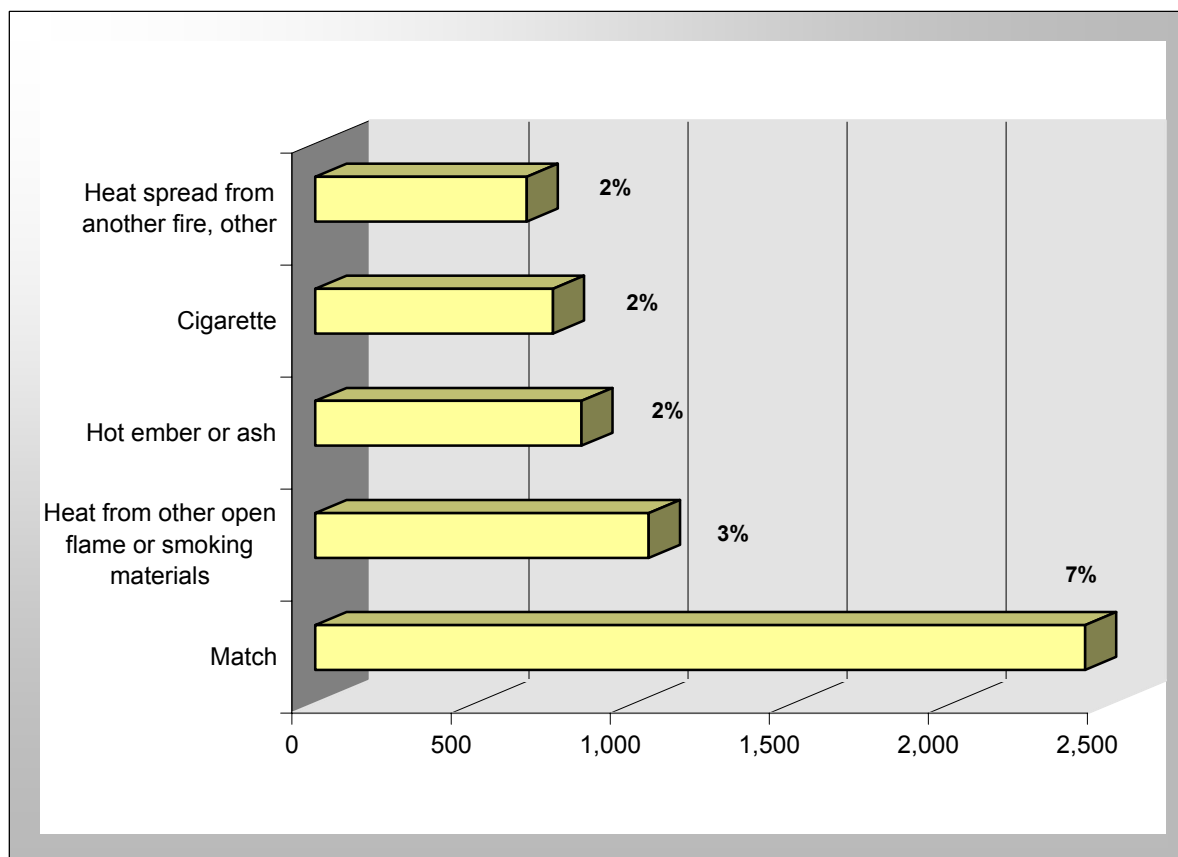
Heat Source in Outside and Other Fires

The table below shows the most frequently reported form of heat of ignition in outside and other fires.

Heat Source	Total Fires
Undetermined	25,072
Match	2,419
Heat from other open flame or smoking materials	1,048
Hot ember or ash	836
Cigarette	747
Heat spread from another fire, other	664

Heat source was reported as undetermined in **71%** of all outside and other fires.

Heat Source Identified in Outside Fires



Matches were involved in the largest percentage (**7%**) of outside fires where a heat source was identified.



Vehicle Fires

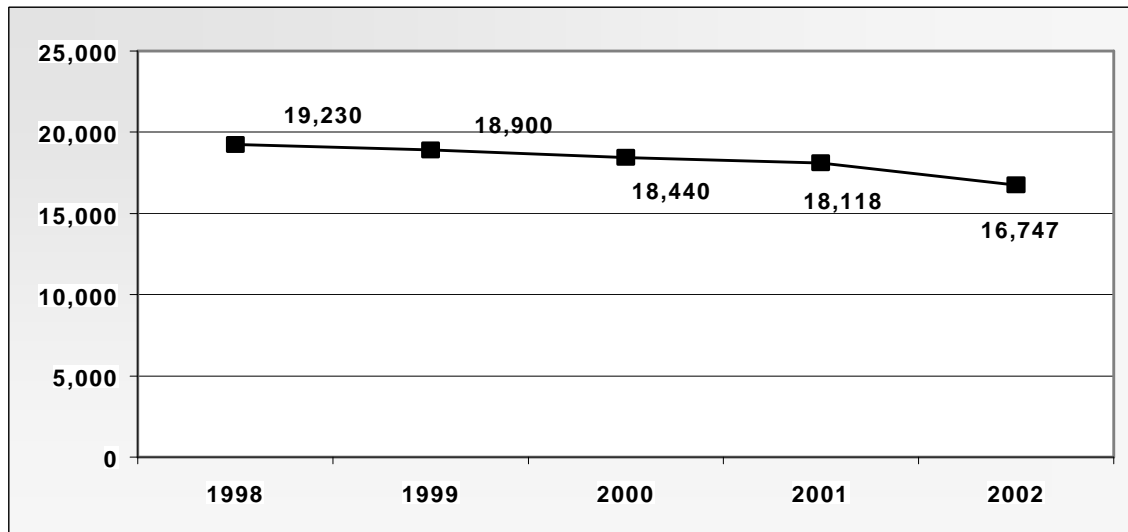
Fire departments reported 16,747 vehicle fires during this period. These fires caused an estimated \$59,966,341 in property damage, 32 fire-related civilian fatalities, 60 fire-related civilian injuries and 14 fire service injuries. Fire service injuries include all injuries resulting from duty-related activity.

There were more fires in passenger or road transport vehicles than in any other type of vehicle. The following table shows the percentage of fires in different types of vehicles.

Fires by Mobile Property Type

Mobile Property Type	% of Fires
Passenger or road transport vehicles	78.6%
Unknown	11.1%
Freight road vehicles	8.1%
Industrial, agricultural, construction vehicles	1.4%
Water vessels	0.4%
Mobile property, miscellaneous	0.2%
Transport vehicles	0.2%
Aircraft	0.0%

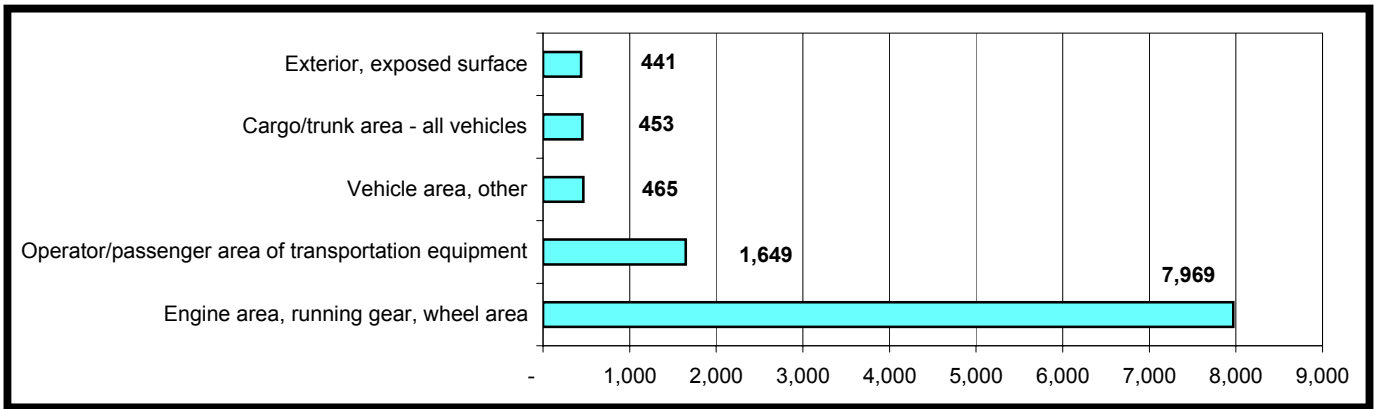
Total Vehicle Fires 1998-2002



Area of Origin in Vehicle Fires

The table below shows the most frequently reported area of origin in vehicle fires.

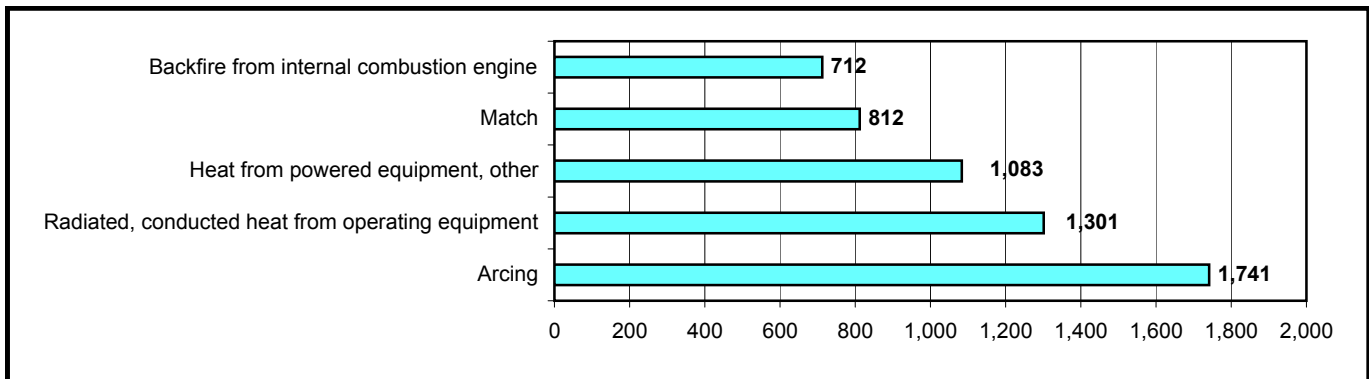
Area of Origin	Total
Engine area, running gear, wheel area	7,969
Undetermined	4,669
Operator/passenger area of transportation equipment	1,649
Vehicle area, other	465
Cargo/trunk area - all vehicles	453
Exterior, exposed surface	441



Heat Source in Vehicle Fires

The table below shows the most frequently reported heat source in vehicle fires.

Heat Source	Total
Undetermined	8,055
Arcing	1,741
Radiated, conducted heat from operating equipment	1,301
Heat from powered equipment, other	1,083
Match	812
Backfire from internal combustion engine	712





Structure Fires

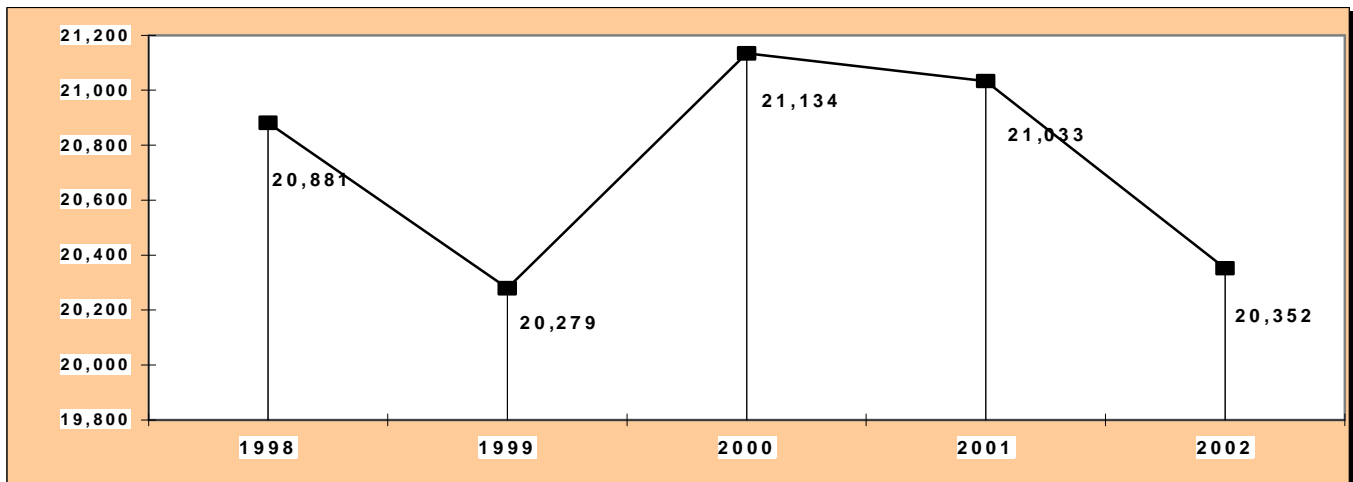
In 2002, there were 20,352 structure fires reported throughout the state. These fires resulted in 744 civilian injuries, 89 civilian deaths, 325 fire fighter injuries and an estimated \$305,742,125 in property loss.

Total Fires, Casualties and Dollar Loss by Structure Type

Structure Type	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Dollar Loss
Residential	15,442	241	0	688	89	\$221,905,113
Mercantile, business	1,137	16	0	10	0	\$31,009,528
Storage	938	17	0	5	0	\$15,726,200
Assembly	743	17	0	13	0	\$14,238,896
Other	674	5	0	6	0	\$4,502,100
Outside or special property	575	5	0	3	0	\$2,009,977
Educational	303	12	0	2	0	\$4,736,071
Manufacturing, processing	258	7	0	6	0	\$8,238,517
Health care, detention & correction	225	4	0	11	0	\$1,747,566
Industrial, utility, defense, agriculture, mining	57	1	0	0	0	\$1,628,157
Totals	20,352	325	0	744	89	\$305,742,125

76% of all structure fires occurred in residential properties.

Total Structure Fires 1998-2002



Total Structure Fires by Fire Cause

The table below shows the number of structure fires by cause identified.

Fire Cause	Total Fires	FS Injuries	FS Deaths	Civilian Injuries	Civilian Deaths	Dollar Loss
Appliances, air conditioning	724	5	0	29	1	\$45,406,216
Children playing	335	4	0	31	1	\$4,538,611
Cooking	3,518	8	0	137	1	\$9,639,926
Electrical distribution	1,425	33	0	35	1	\$23,357,624
Exposure	597	5	0	4	0	\$7,173,584
Heating	1,125	17	0	42	3	\$11,470,828
Incendiary/suspicious	2,528	66	0	88	22	\$58,441,855
Natural	456	13	0	6	0	\$10,876,732
Open flame, ember, torch	1,425	15	0	69	2	\$18,768,243
Other equipment	141	4	0	2	2	\$3,560,413
Other heat, flame, spark	683	5	0	37	0	\$5,883,512
Smoking	664	7	0	34	11	\$6,573,782
Unknown	6,731	143	0	230	45	\$100,050,799
Totals	20,352	325	0	744	89	\$305,742,125

Counties with the Greatest Number of Structure Fires

County	Total	County	Total
Dallas	3,536	Galveston	370
Harris	3,417	Denton	348
Tarrant	1,368	Travis	331
Bexar	1,233	Collin	302
Bell	452	Cameron	293
Jefferson	452	Fort Bend	250
El Paso	448	Taylor	239
Nueces	407	Johnson	232
Hidalgo	405	Bowie	230
Potter	373	Ellis	212

Fire Cause in Structure Fires by General Structure Type

The tables below show the fire cause identified in fires by general type of structure.

Fire Cause	Unclassified	Assembly	Educational	Health Care, Detention & Correction	Industrial, Utility, Defense, Agriculture, Mining
Appliances, air conditioning	1	33	11	28	0
Children playing	2	1	2	0	0
Cooking	30	172	26	49	1
Electrical distribution	22	87	12	22	7
Exposure	34	15	2	2	2
Heating	21	27	10	7	2
Incendiary/suspicious	128	110	141	22	4
Natural	10	13	4	8	2
Open flame, ember, torch	33	41	10	6	5
Other equipment	3	3	2	6	0
Other heat, flame, spark	21	17	10	5	4
Smoking	8	15	5	13	0
Unknown	361	209	68	57	30
Total	674	743	303	225	57

Fire Cause	Manufacturing, Processing	Mercantile, Business	Outside or Special Property	Residential	Storage
Appliances, air conditioning	15	90	8	525	13
Children playing	0	1	3	315	11
Cooking	9	92	19	3,117	3
Electrical distribution	19	111	9	1,097	39
Exposure	5	57	24	378	78
Heating	14	49	4	980	11
Incendiary/suspicious	17	184	98	1,667	157
Natural	12	16	9	352	30
Open flame, ember, torch	13	65	29	1,144	79
Other equipment	24	29	5	56	13
Other heat, flame, spark	15	36	11	522	42
Smoking	3	36	10	556	18
Unknown	112	371	346	4,733	444
Total	258	1,137	575	15,442	938

Cooking was identified as the leading known fire cause (**17%**) in all structure fires.

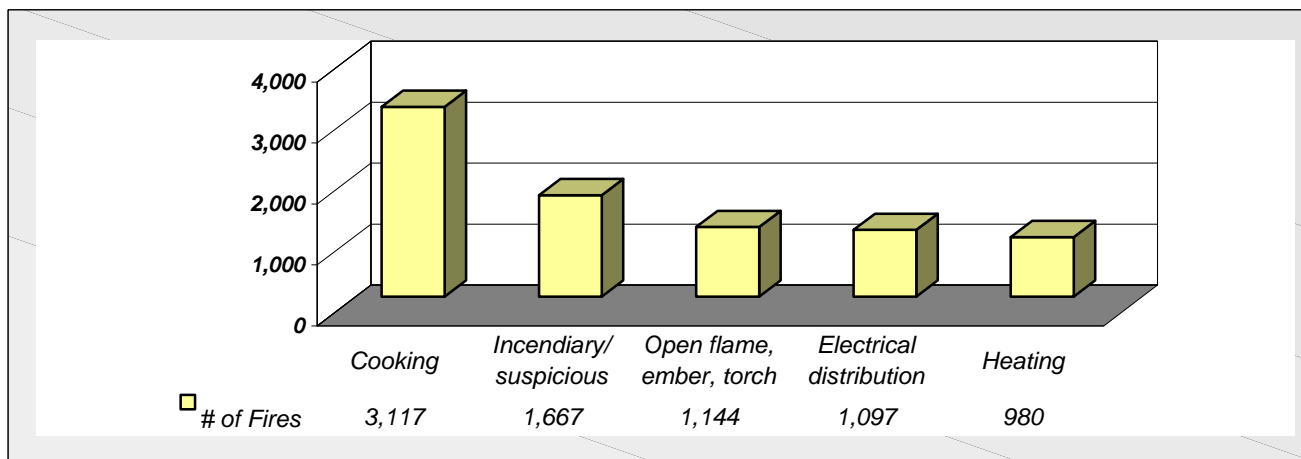
Incendiary/suspicious was the second most identified fire cause (**12%**) in all structure fires.

Fire Cause in Residential Structure Fires

The table below shows the number of fires in residential structures by fire cause and their associated casualties and dollar loss.

Fire Cause	Total Fires	Civilian Deaths	Civilian Injuries	Dollar Loss
Appliances, air conditioning	525	1	23	\$44,229,930
Children playing	315	1	31	\$4,527,776
Cooking	3,117	1	129	\$8,152,898
Electrical distribution	1,097	1	28	\$15,579,832
Exposure	378	0	4	\$4,699,975
Heating	980	3	35	\$8,826,730
Incendiary/suspicious	1,667	22	84	\$31,705,888
Natural	352	0	4	\$9,687,232
Open flame, ember, torch	1,144	2	64	\$17,209,826
Other equipment	56	2	0	\$959,010
Other heat, flame, spark	522	0	36	\$4,598,738
Smoking	556	11	32	\$5,771,005
Unknown	4,733	45	218	\$65,956,273
Totals	15,442	89	688	\$221,905,113

Most Frequently Identified Fire Cause in Residential Structure Fires



Cooking was the most frequently identified cause (**20%**) in residential structure fires and involved **19%** of all civilian injuries in residential structure fires.

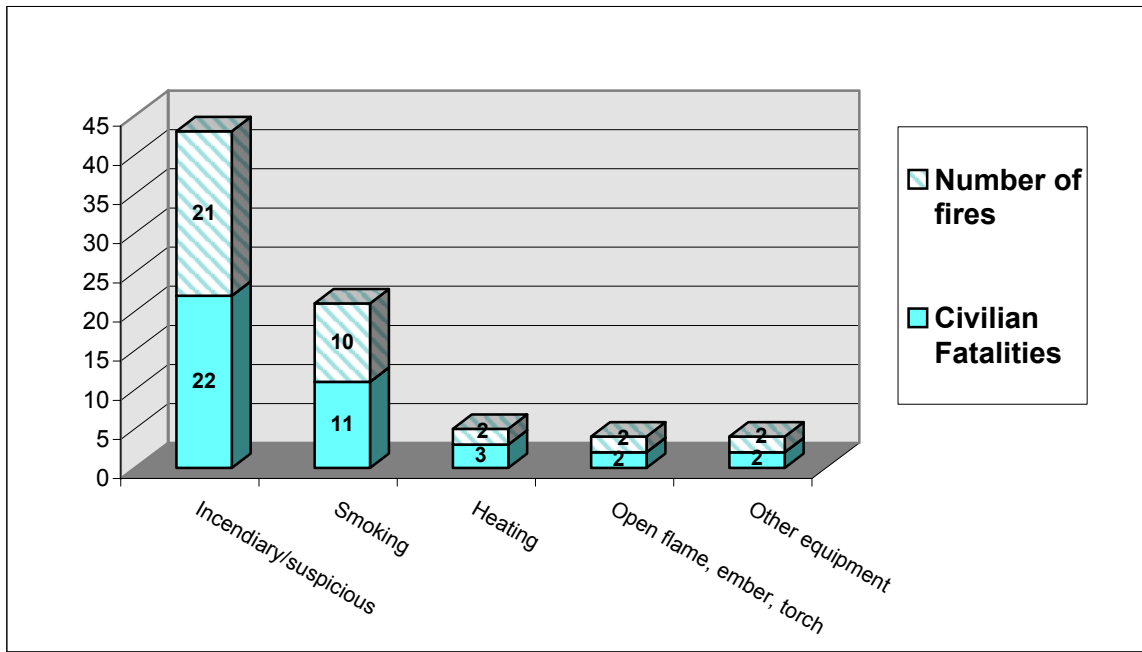
Incendiary/suspicious was the second most identified cause (**11%**) in structure fires and involved **25%** of all civilian deaths occurring in residential structure fires.

Fire Cause in Fatal Residential Structure Fires

The table below shows the cause identified in residential structure fires where a civilian fatality was involved.

Fire Cause	Fatal Fires	Civilian Deaths
Appliances, air conditioning	1	1
Children playing	1	1
Cooking	1	1
Electrical distribution	1	1
Heating	2	3
Incendiary/suspicious	21	22
Open flame, ember, torch	2	2
Other equipment	2	2
Other heat, flame, spark	0	0
Smoking	10	11
Unknown	36	45
Totals	77	89

Most Frequently Identified Fire Cause in Residential Structure Fires Involving Civilian Fatalities



Incendiary/suspicious was the most frequently identified cause (27%) in fatal residential structure fires and involved 25% of all structure fire civilian fatalities.

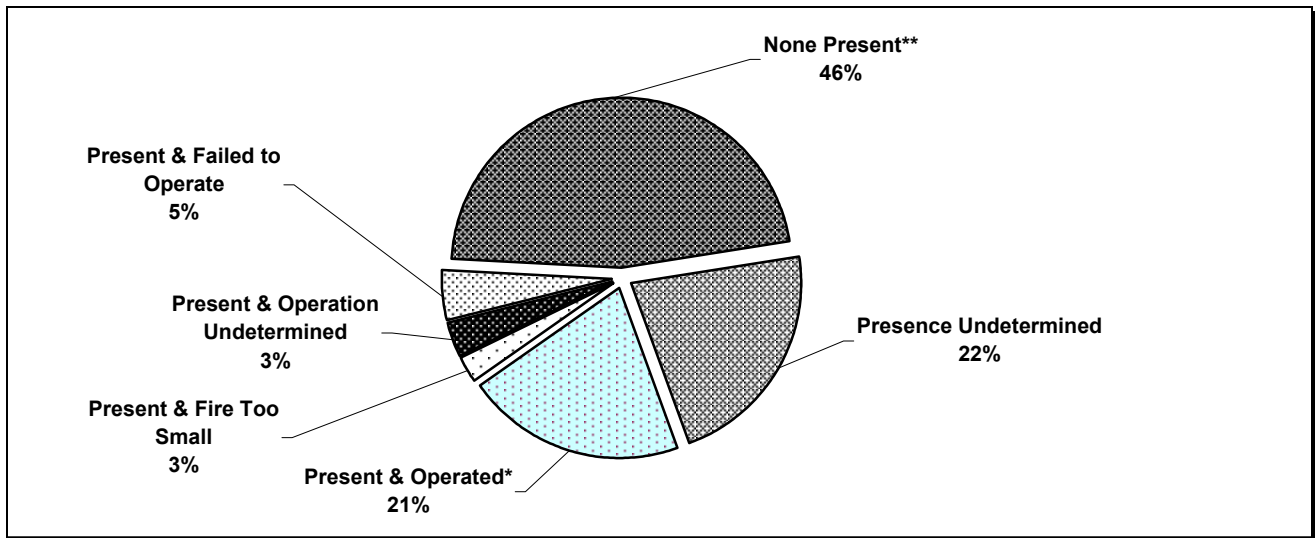
Detectors in Residential Structures

	Residential Structure Fires		Fatal Residential Structure Fires	
Present & Operated*	3,201	21%	14	18%
Present & Fire Too Small	402	3%	0	0%
Present & Operation Undetermined	501	3%	8	10%
Present & Failed to Operate	723	5%	4	5%
None Present**	7,234	46%	39	51%
Presence Undetermined	3,381	22%	12	16%
Total	15,442		77	

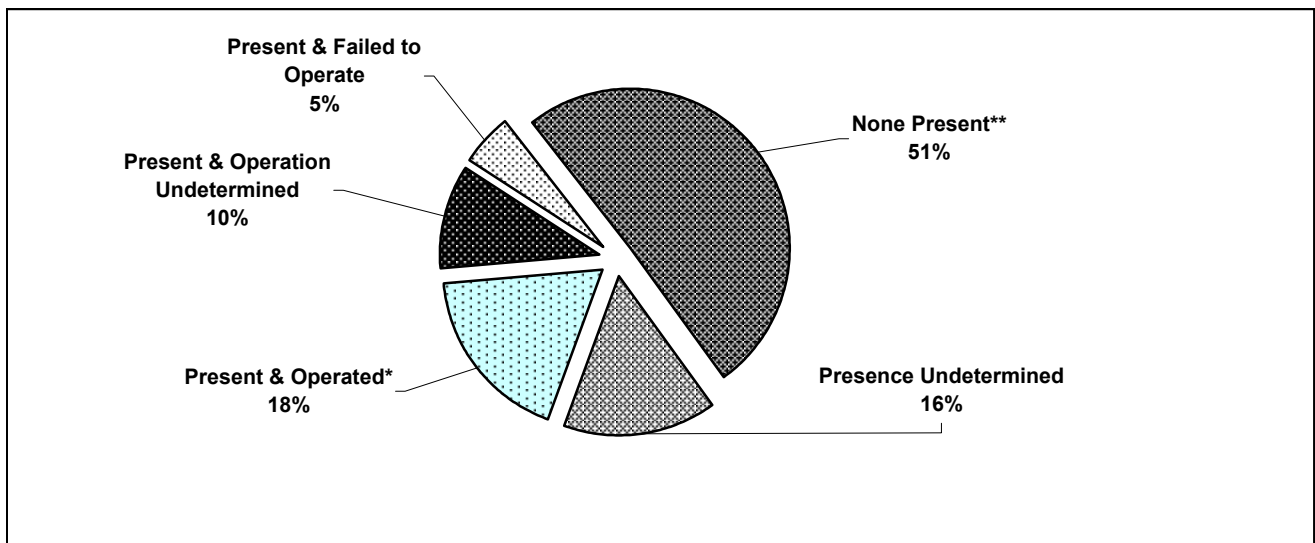
* Includes fire incidents where detectors are "Not in Room or Space of Origin" but **did** operate.

** Includes fire incidents where the detectors are present **outside** the "Area of Fire Origin" and **did not** operate.

Residential Structure Fires



Fatal Residential Structure Fires

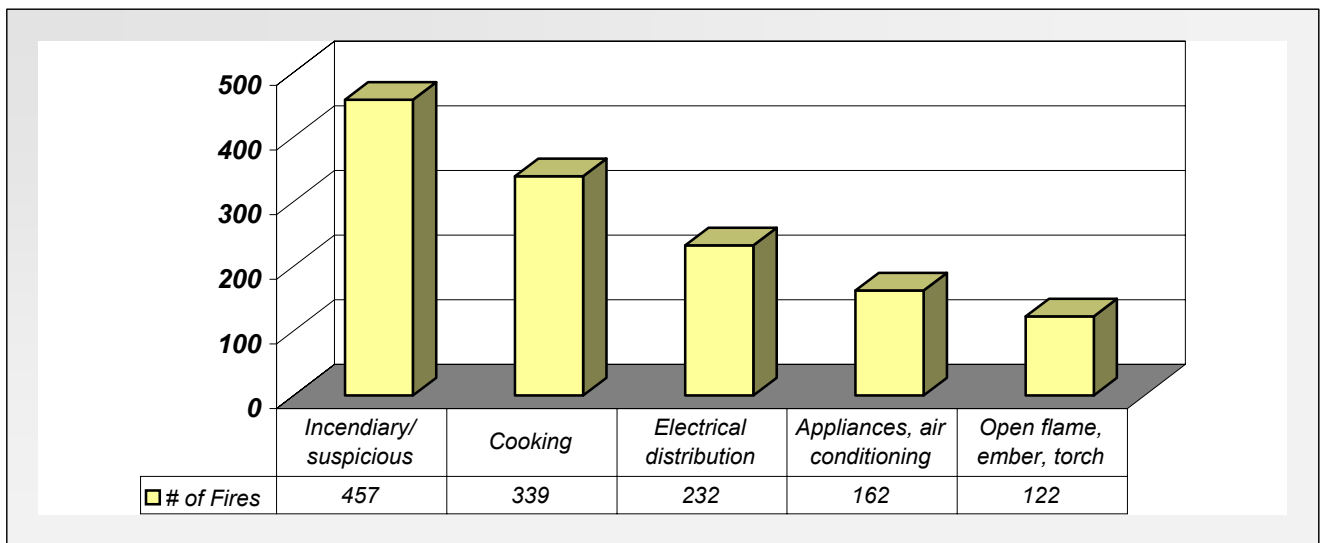


Fire Cause in Public, Mercantile Structure Fires

The table below shows the number of fires in public, mercantile structures by identified cause and their associated casualties and dollar loss.

Fire Cause	Total Fires	Civilian Deaths	Civilian Injuries	Dollar Loss	Assembly	Educational	Health Care, Detention & Correction	Mercantile, Business
Appliances, air conditioning	162	0	4	\$879,836	33	11	28	90
Children playing	4	0	0	\$35	1	2	0	1
Cooking	339	0	8	\$1,310,209	172	26	49	92
Electrical distribution	232	0	5	\$5,515,729	87	12	22	111
Exposure	76	0	0	\$1,157,323	15	2	2	57
Heating	93	0	5	\$2,286,287	27	10	7	49
Incendiary/ suspicious	457	0	2	\$17,554,556	110	141	22	184
Natural	41	0	1	\$814,630	13	4	8	16
Open flame, ember, torch	122	0	1	\$602,040	41	10	6	65
Other equipment	40	0	0	\$558,405	3	2	6	29
Other heat, flame, spark	68	0	1	\$680,633	17	10	5	36
Smoking	69	0	2	\$537,055	15	5	13	36
Unknown	705	0	7	\$19,835,323	209	68	57	371
Totals	2,408	0	36	\$51,732,061	743	303	225	1,137

Most Frequently Identified Fire Cause in Public, Mercantile Structure Fires



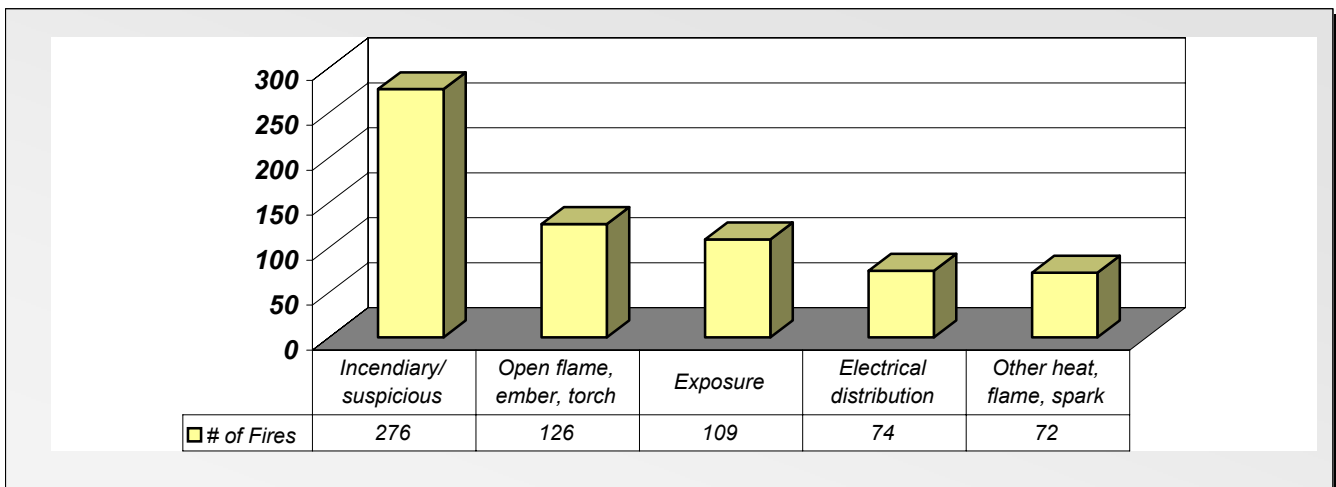
The most frequently identified cause was **Incendiary/suspicious (19%)**.

Fire Cause in Industrial Structure Fires

The following table shows the number of fires in industrial structures by fire cause, with associated casualties and dollar loss.

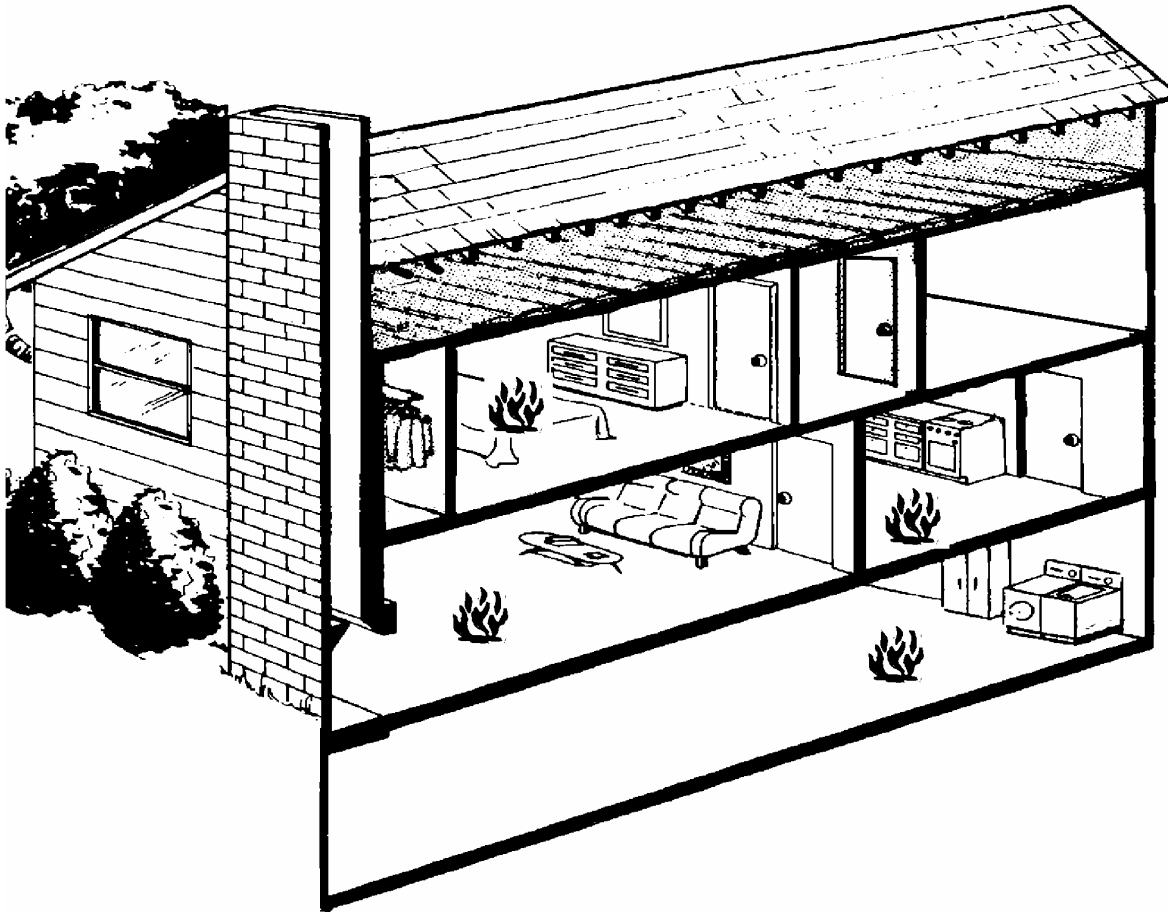
Fire Cause	Total Fires	Civilian Deaths	Civilian Injuries	Dollar Loss	Industrial, Utility, Defense, Agriculture, Mining	Manufacturing, Processing	Outside or Special Property	Storage
Appliances, air conditioning	36	0	2	\$296,150	0	15	8	13
Children playing	14	0	0	\$10,800	0	0	3	11
Cooking	32	0	0	\$131,719	1	9	19	3
Electrical distribution	74	0	1	\$2,037,053	7	19	9	39
Exposure	109	0	0	\$1,091,882	2	5	24	78
Heating	31	0	1	\$259,951	2	14	4	11
Incendiary/suspicious	276	0	0	\$7,650,176	4	17	98	157
Natural	53	0	1	\$367,370	2	12	9	30
Open flame, ember, torch	126	0	2	\$765,377	5	13	29	79
Other equipment	42	0	2	\$2,038,908	0	24	5	13
Other heat, flame, spark	72	0	0	\$413,901	4	15	11	42
Smoking	31	0	0	\$230,522	0	3	10	18
Unknown	932	0	5	\$12,309,042	30	112	346	444
Totals	1,828	0	14	\$27,602,851	57	258	575	938

Most Frequently Identified Fire Cause in Industrial Structure Fires



The most frequently identified cause was **Incendiary/suspicious (15%)**.

Area of Origin in Residential Structure Fires

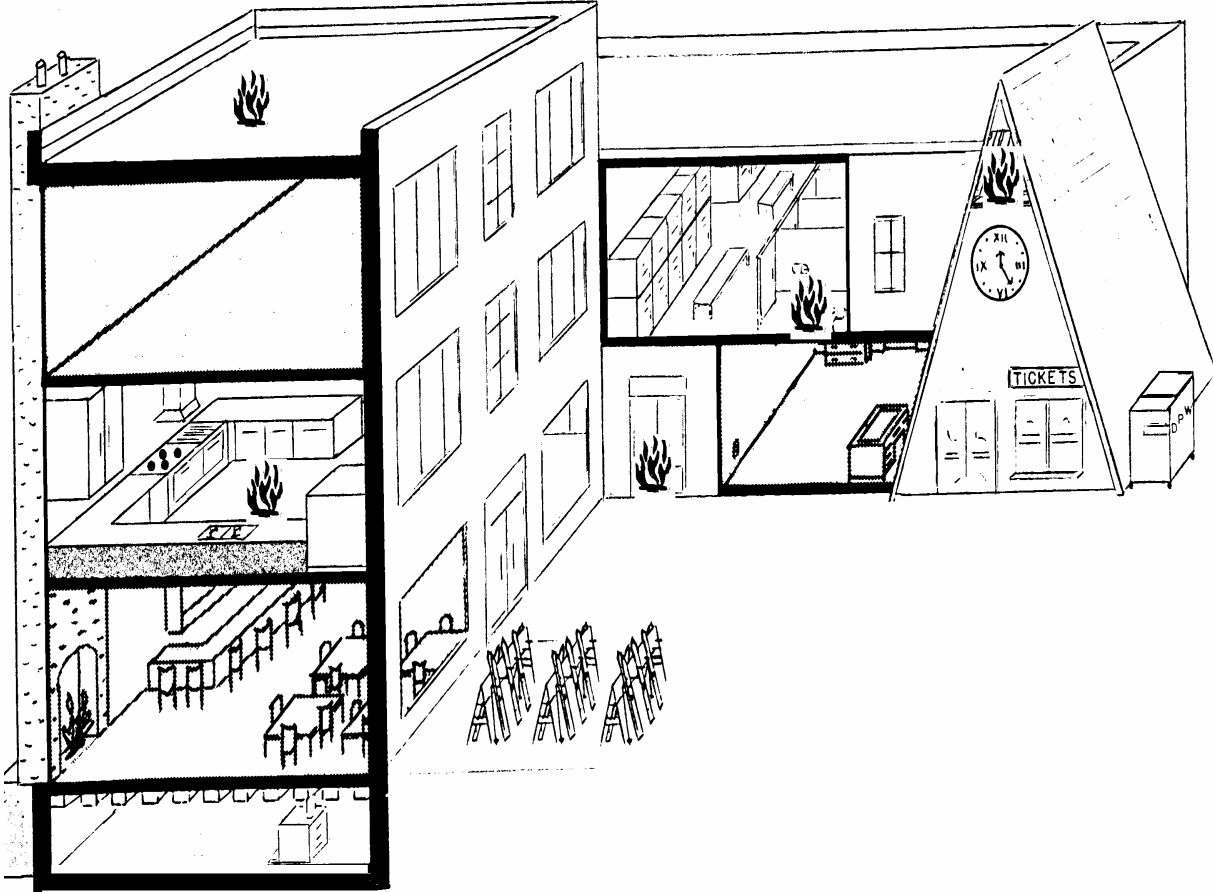


Most Frequently Identified Area of Origin in Residential Structure Fires

The following table shows the number of residential structure fires by most frequently identified area of origin and the corresponding percentage of all residential structure fires.

Area of Origin	# of Fires	% of Total
Cooking area, kitchen	4,729	31%
Bedroom for less than 5 persons; included are jail or prison	1,968	13%
Undetermined	1,372	9%
Common room, den, family room, living room, lounge	921	6%
Vehicle storage area; garage, carport	533	3%
Laundry area, wash house (laundry)	533	3%

Area of Origin in Assembly Structure Fires

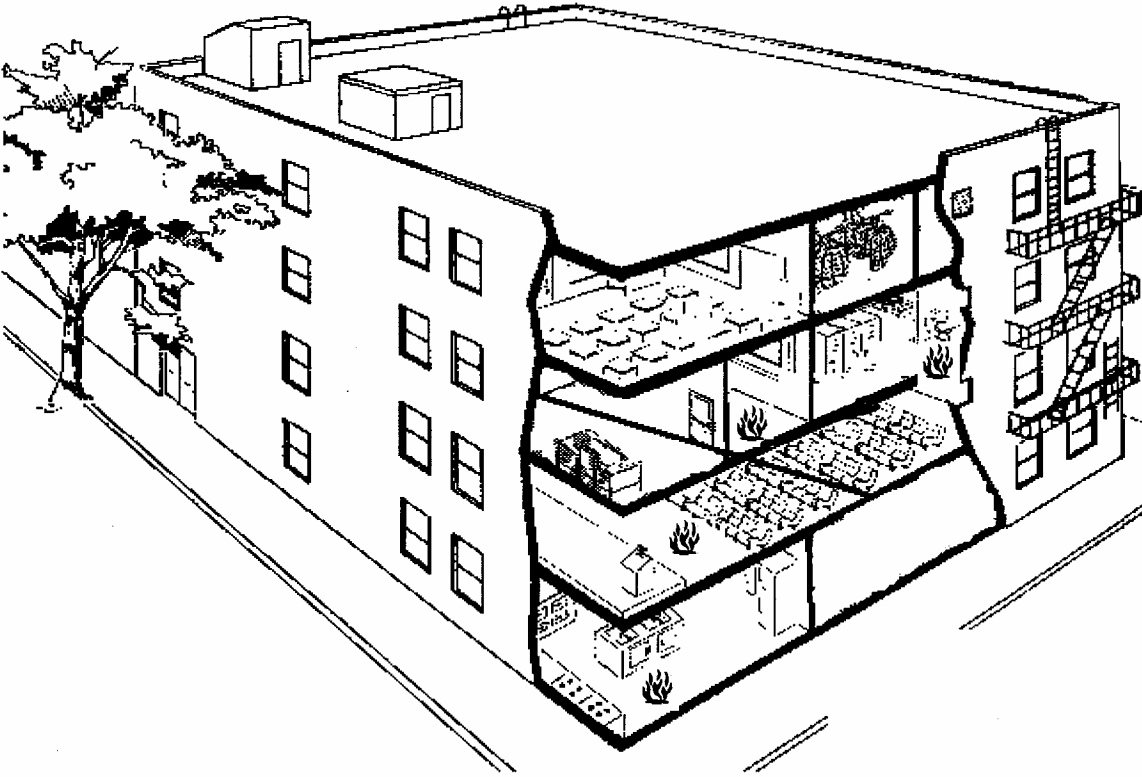


Most Frequently Identified Area of Origin in Assembly Structure Fires

The table below shows the number of assembly structure fires by most frequently identified area of origin and the corresponding percentage of all assembly structure fires.

Area of Origin	# of Fires	% of Total
Cooking area, kitchen	252	34%
Undetermined	55	7%
Roof surface: exterior	43	6%
Wall surface: exterior	40	5%
Attic: vacant, crawl space above top story, cupola	33	4%
Bathroom, checkroom, lavatory, locker room	30	4%

Area of Origin in Educational Structure Fires

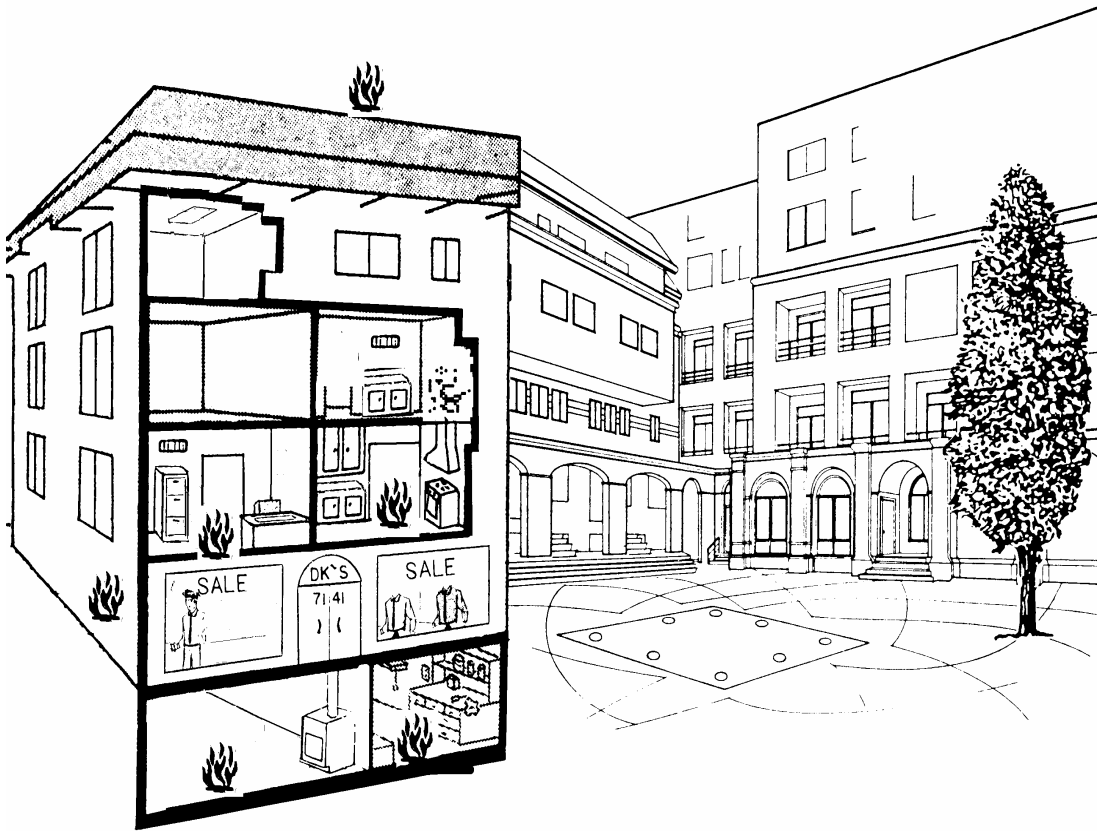


Most Frequently Identified Area of Origin in Educational Structure Fires

The table below shows the number of educational structure fires by most frequently identified area of origin and the corresponding percentage of all educational structure fires.

Area of Origin	# of Fires	% of Total
Bathroom, checkroom, lavatory, locker room	56	18%
Corridor, mall	32	11%
Cooking area, kitchen	32	11%
Undetermined	30	10%
Assembly area - less than 100 persons	15	5%
Laundry area, wash house (laundry)	13	4%

Area of Origin in Mercantile, Business Structure Fires



Most Frequently Identified Area of Origin in Mercantile, Business Structure Fires

The table below shows the number of mercantile, business structure fires by most frequently identified area of origin and the corresponding percentage of all mercantile, business structure fires.

Area of Origin	# of Fires	% of Total
Cooking area, kitchen	118	10%
Undetermined	103	9%
Wall surface: exterior	67	6%
Office	61	5%
Roof surface: exterior	52	5%
Sales area, showroom (exclude display window)	51	4%



Incendiary/Suspicious Fires

During 2002, there were 10,083 fires determined to be incendiary/suspicious. These fires accounted for 14% of all reported fires, 13% of all fire-related injuries, 20% of all fire-related deaths and 21% of all fire-related dollar loss.

An incendiary fire is a fire that was determined to have been deliberately set to destroy property.

A suspicious fire is a fire that was suspected of having been deliberately or maliciously set to destroy property.

An unknown fire is a fire for which the cause was undetermined. In many cases, fires of unknown cause are later determined to have been incendiary or suspicious.

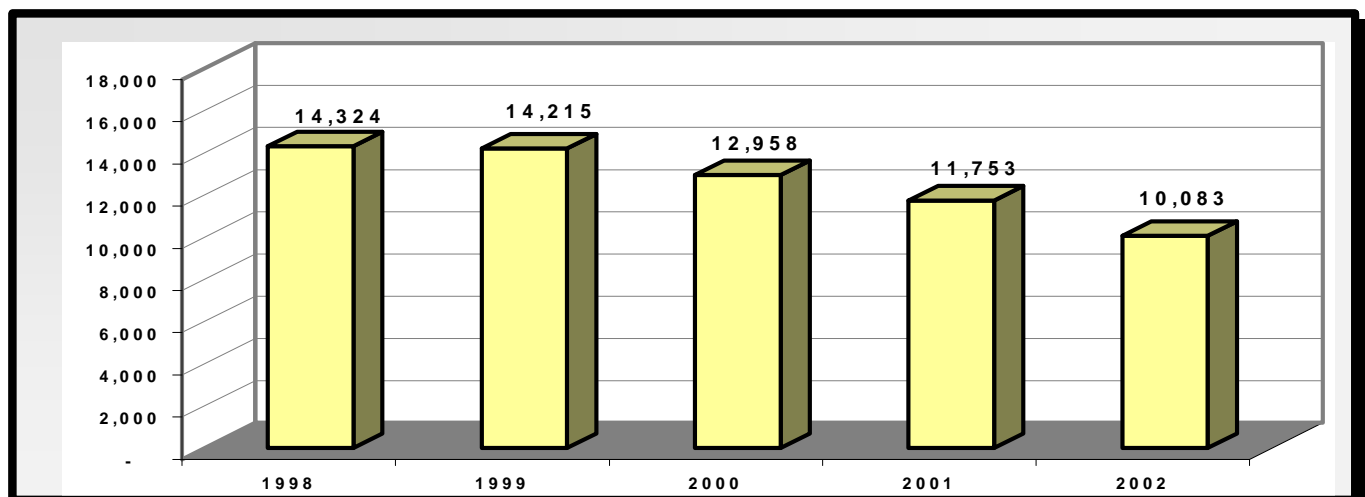
In this report, a fire set by a property owner to destroy or incinerate trash, grass, brush, or other property without value is not classified as incendiary or suspicious unless the fire was set with malicious intent.

Note: Primary fires sometimes spread to other properties, resulting in "exposure fires." Fire loss data for exposure fires are not included in this section of the report. Therefore, total fire losses that might be attributed to specific fire causes may be greater than indicated.

Incendiary/Suspicious Fires

Year	Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
1998	14,324	\$81,586,776	107	118	33	0
1999	14,215	\$80,713,381	101	73	25	2
2000	12,958	\$72,055,918	69	100	32	0
2001	11,753	\$86,042,069	79	62	18	0
2002	10,083	\$76,825,633	92	76	26	0

Incendiary/Suspicious Fires 1998-2002

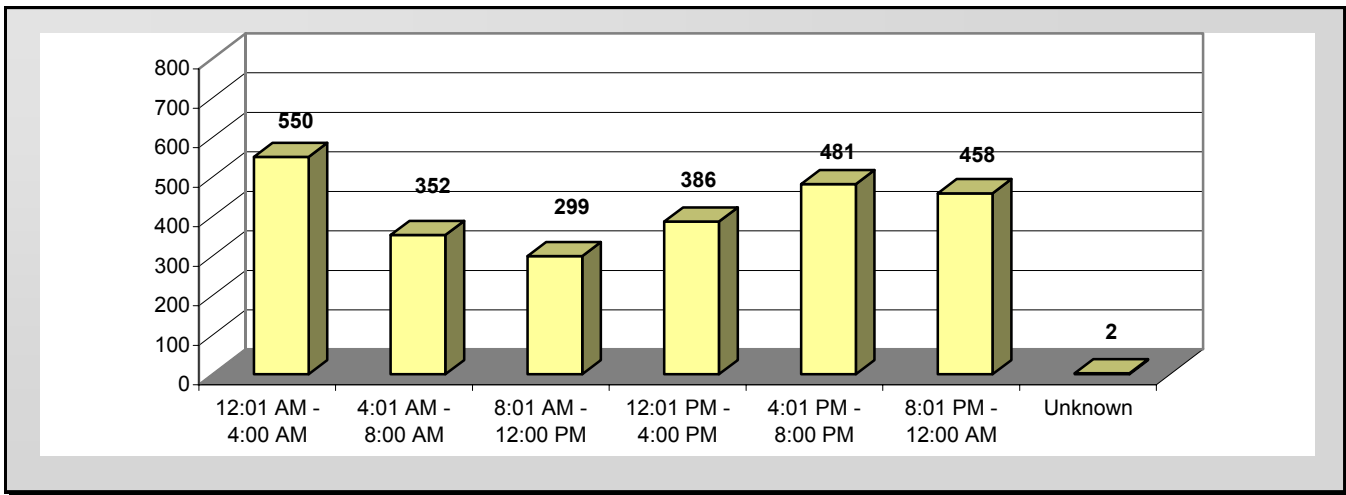


Incendiary/Suspicious Structure Fires

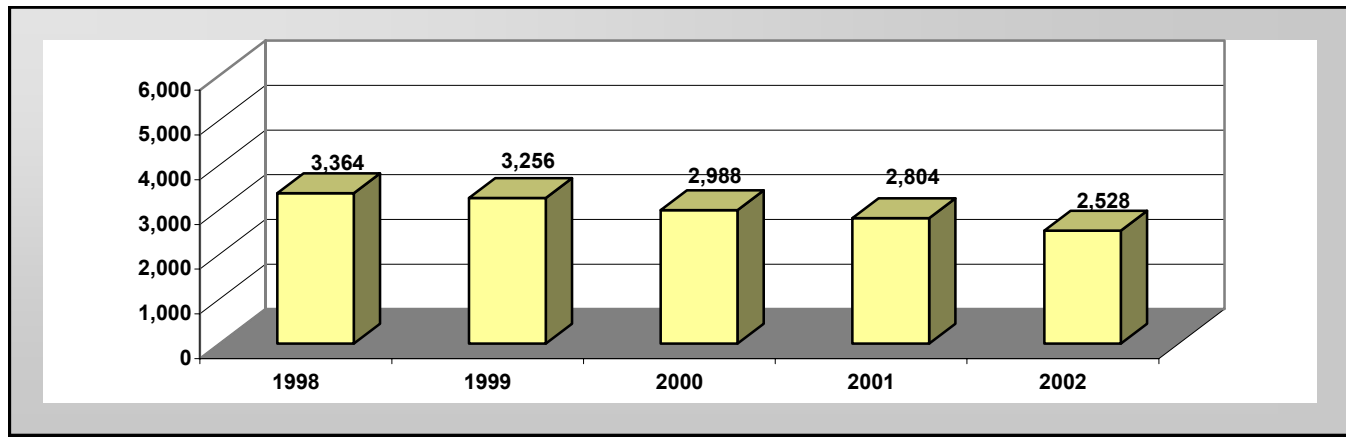
The following table shows the number of structure fires identified as incendiary/suspicious by time of alarm, with associated casualties and dollar loss.

Alarm Time Interval	Total Fires	Percentage	Dollar Loss	Percentage	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
12:01 AM - 4:00 AM	550	21.8%	\$13,907,667	23.8%	28	21	3	0
4:01 AM - 8:00 AM	352	13.9%	\$12,477,948	21.4%	7	10	1	0
8:01 AM - 12:00 PM	299	11.8%	\$4,933,823	8.4%	16	7	4	0
12:01 PM - 4:00 PM	386	15.3%	\$9,115,240	15.6%	11	6	5	0
4:01 PM - 8:00 PM	481	19.0%	\$7,306,648	12.5%	11	7	3	0
8:01 PM - 12:00 AM	458	18.1%	\$10,700,529	18.3%	15	15	5	0
Unknown	2	0.1%	\$0	0.0%	0	0	0	0
Totals	2,528	100.0%	\$58,441,855	100.0%	88	66	21	0

Alarm Time Intervals for Incendiary/Suspicious Structure Fires



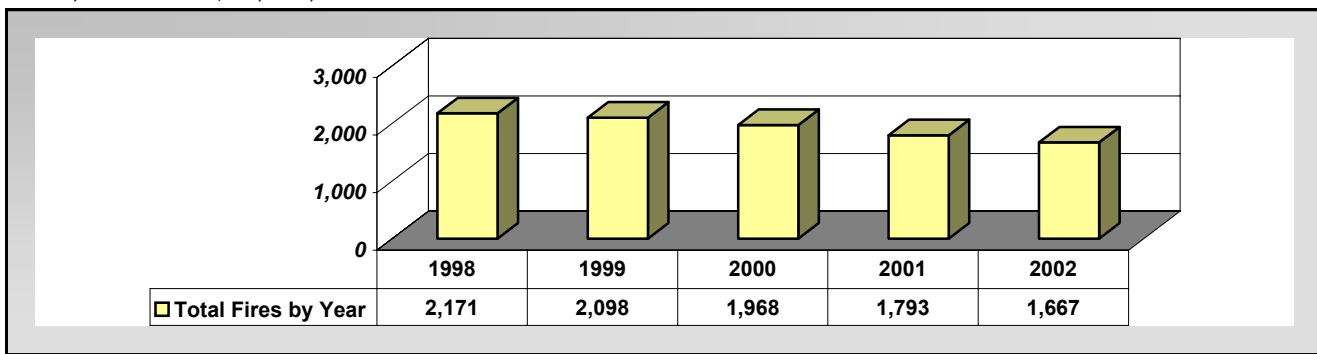
Most structure fires identified as incendiary/suspicious (**22%**) occurred between the hours of **midnight and 4:00 AM**.



There was a **10%** decrease in the number of incendiary/suspicious fires reported for the year. **12%** of all structure fires in year 2002 were identified as incendiary/suspicious.

Incendiary/Suspicious Residential Structure Fires

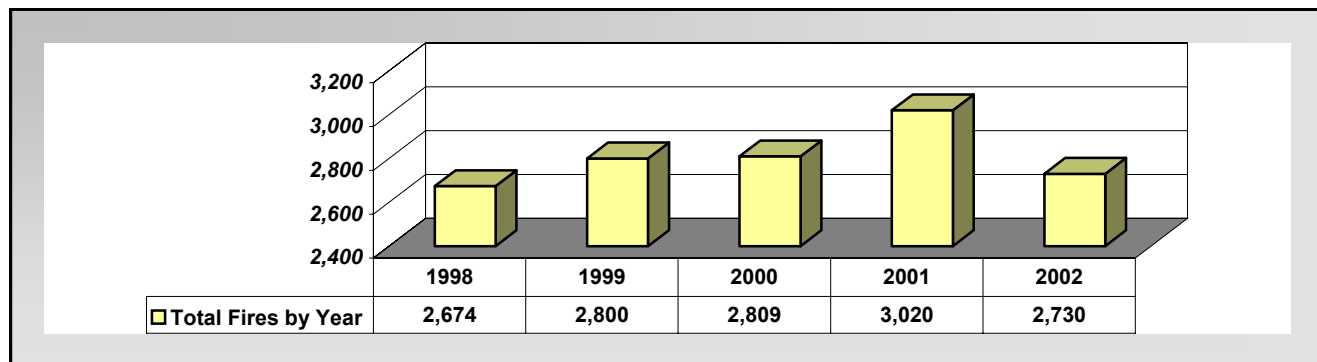
Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
1,667	\$31,705,888	84	49	22	0



11% of all residential structure fires were identified as incendiary/suspicious.

Incendiary/Suspicious Vehicle Fires

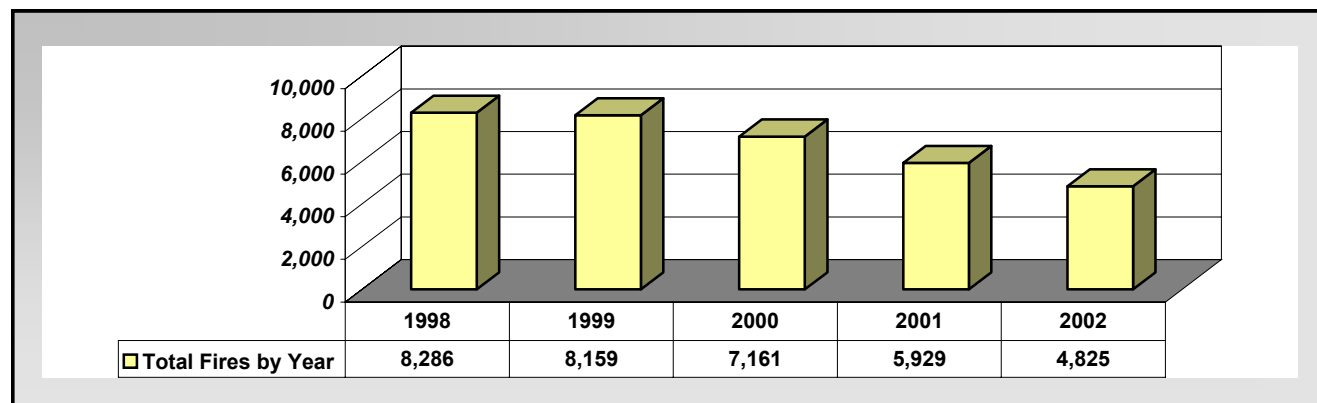
Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
2,730	\$17,590,341	1	3	5	0



16% of all vehicle fires were identified as incendiary/suspicious.

Incendiary/Suspicious Outside and Other Fires

Total Fires	Dollar Loss	Civilian Injuries	FF Injuries	Civilian Deaths	FF Deaths
4,825	\$793,437	3	7	0	0



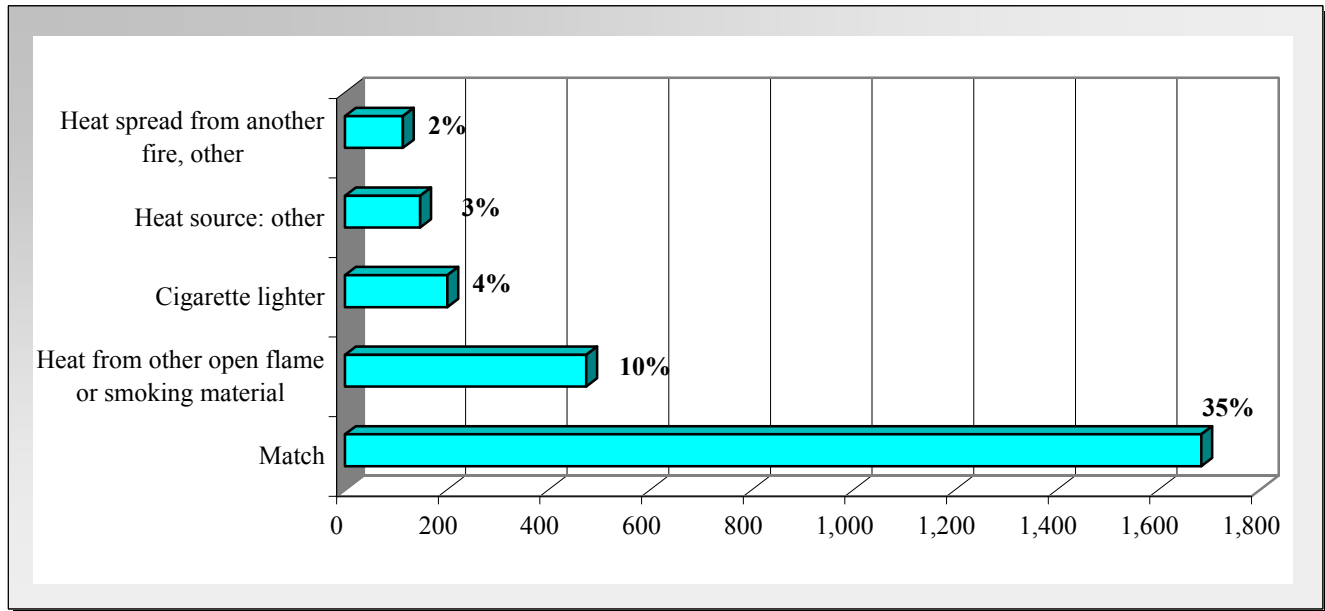
14% of all outside and other fires were identified as incendiary/suspicious.

Heat Source in Incendiary/Suspicious Outside and Other Fires

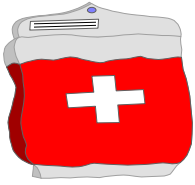
The table below shows the number of incendiary/suspicious outside and other fires by heat source.

Heat Source	Total Fires
Undetermined	1,724
Match	1,685
Heat from other open flame or smoking material	475
Cigarette lighter	202
Heat source: other	148
Heat spread from another fire, other	114

Heat source was reported as **undetermined** in **36%** of all incendiary/suspicious outside and other fires.



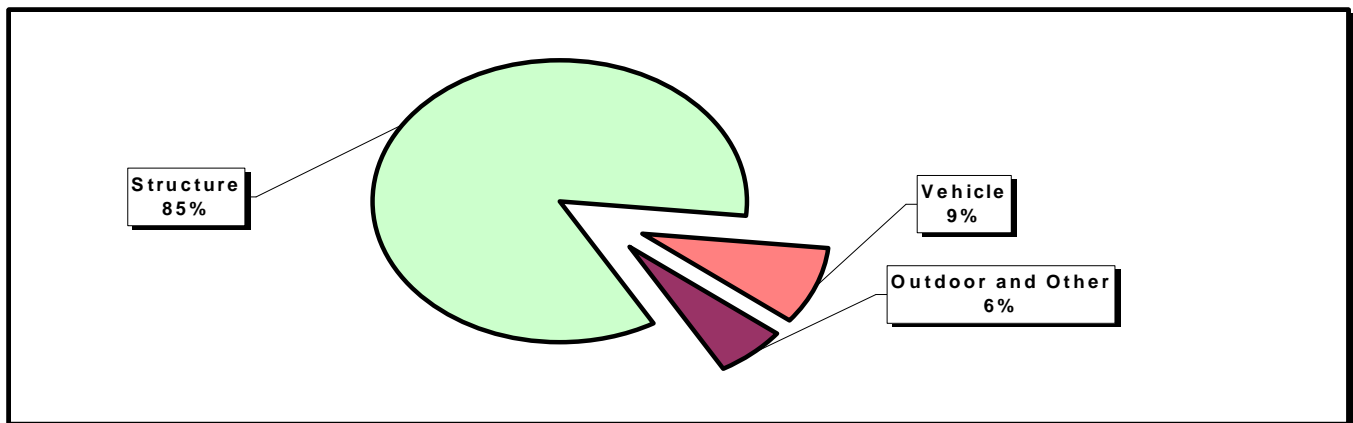
Matches continue to be the most frequently identified heat source in Incendiary/Suspicious Outside and Other Fires.



Casualties

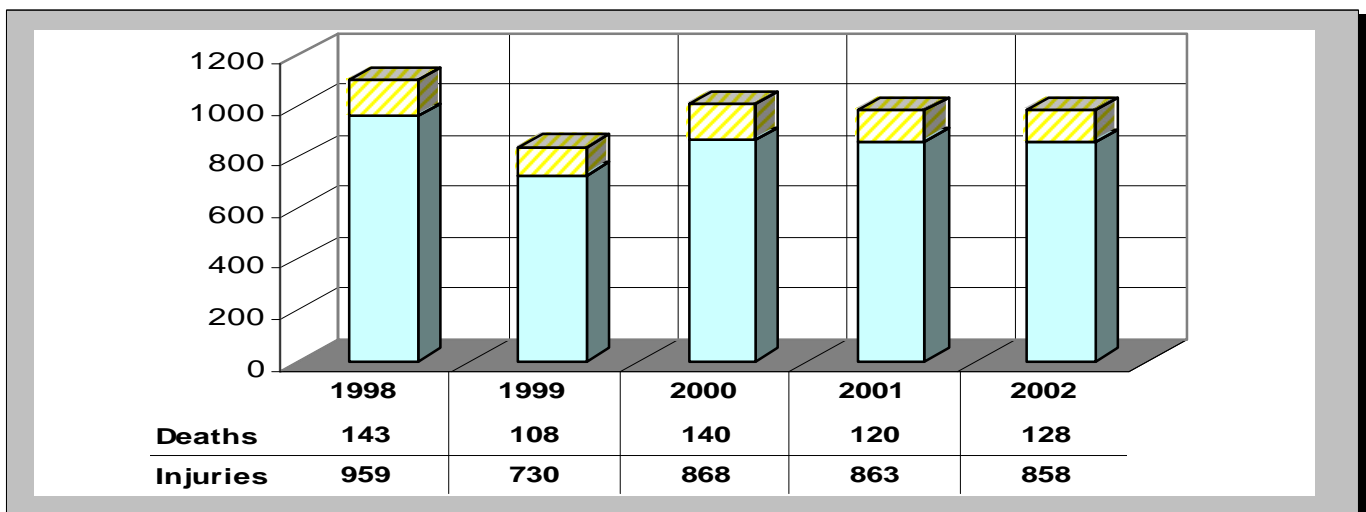
During year 2002, fire departments reported 128 civilian deaths, 2 fire service deaths, 858 civilian injuries and 417 fire service injuries in fires. This chapter provides information on the deaths and injuries suffered by civilians and fire service personnel. The fire service also experienced 1 death and 284 injuries in non fire-related incidents. All fire service counts in this section include mutual aid given incidents.

Civilian Casualties by Type of Fire



Of all civilian casualties, **833 (85%)** occurred in structure fires, **92 (9%)** occurred in vehicle fires, and **61 (6%)** occurred in outdoor and other fires. Of the **128** civilian fatalities, **89 (70%)** occurred in structure fires, **32 (25%)** occurred in vehicle fires and **7 (5%)** occurred in outdoor and other fires.

Civilian Casualties 1998-2002

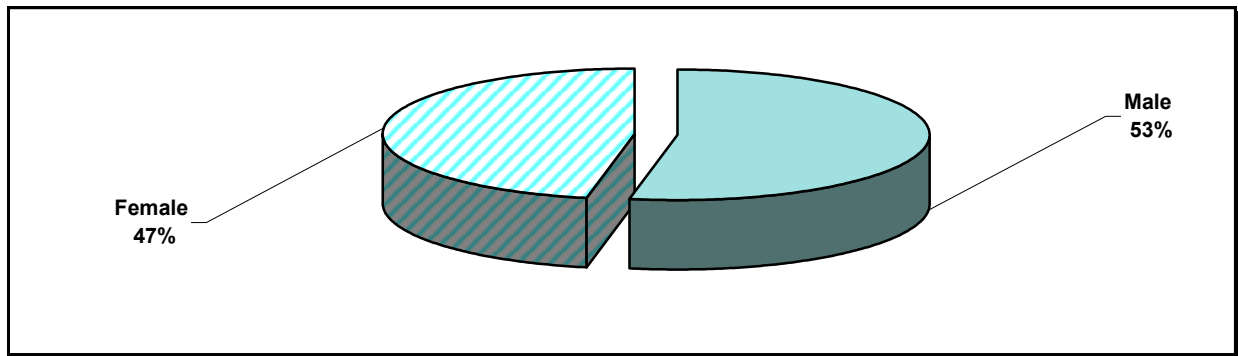
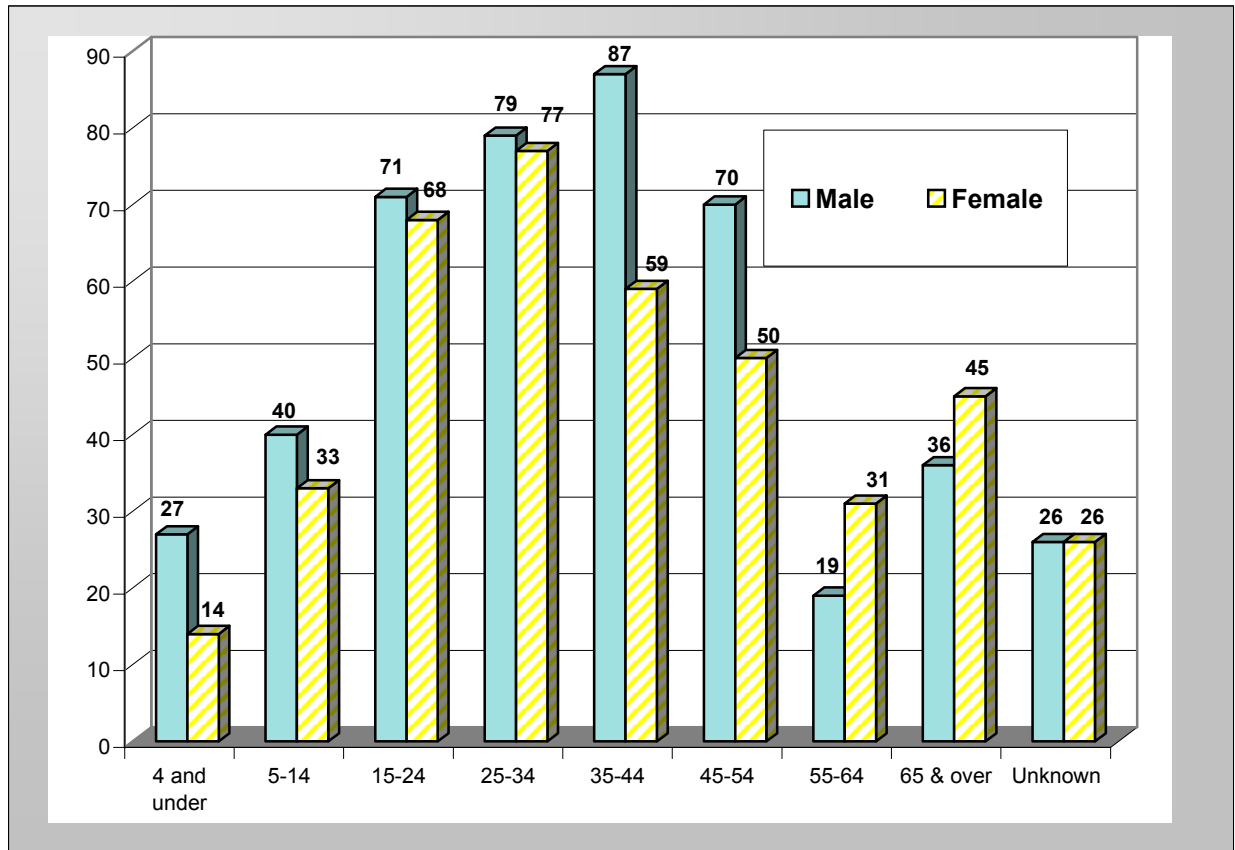


Civilian Injuries in All Fires

The following table shows the number of fire-related civilian injuries by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	27	40	71	79	87	70	19	36	26	455
Female	14	33	68	77	59	50	31	45	26	403
Totals	41	73	139	156	146	120	50	81	52	858

Most civilian injuries **156 (18%)** involved people between the ages of **25-34**.
Eighty-seven (10%) of civilian injuries involved males between the ages of **35-44**.



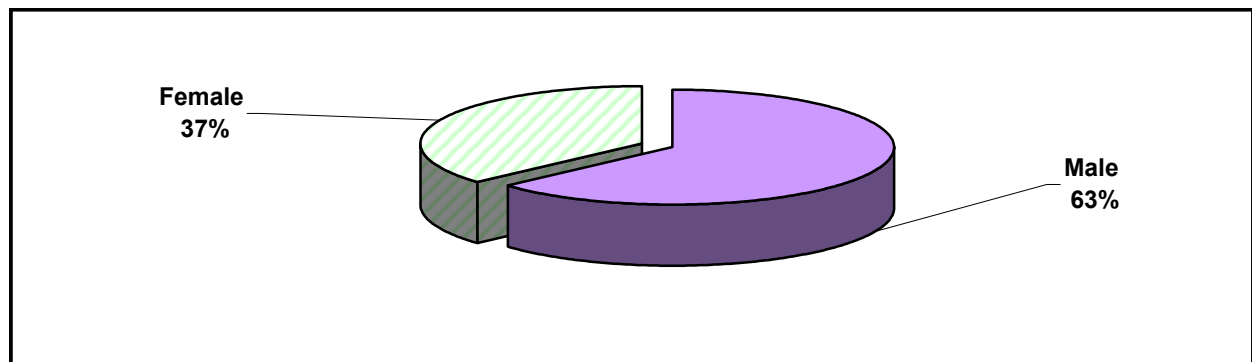
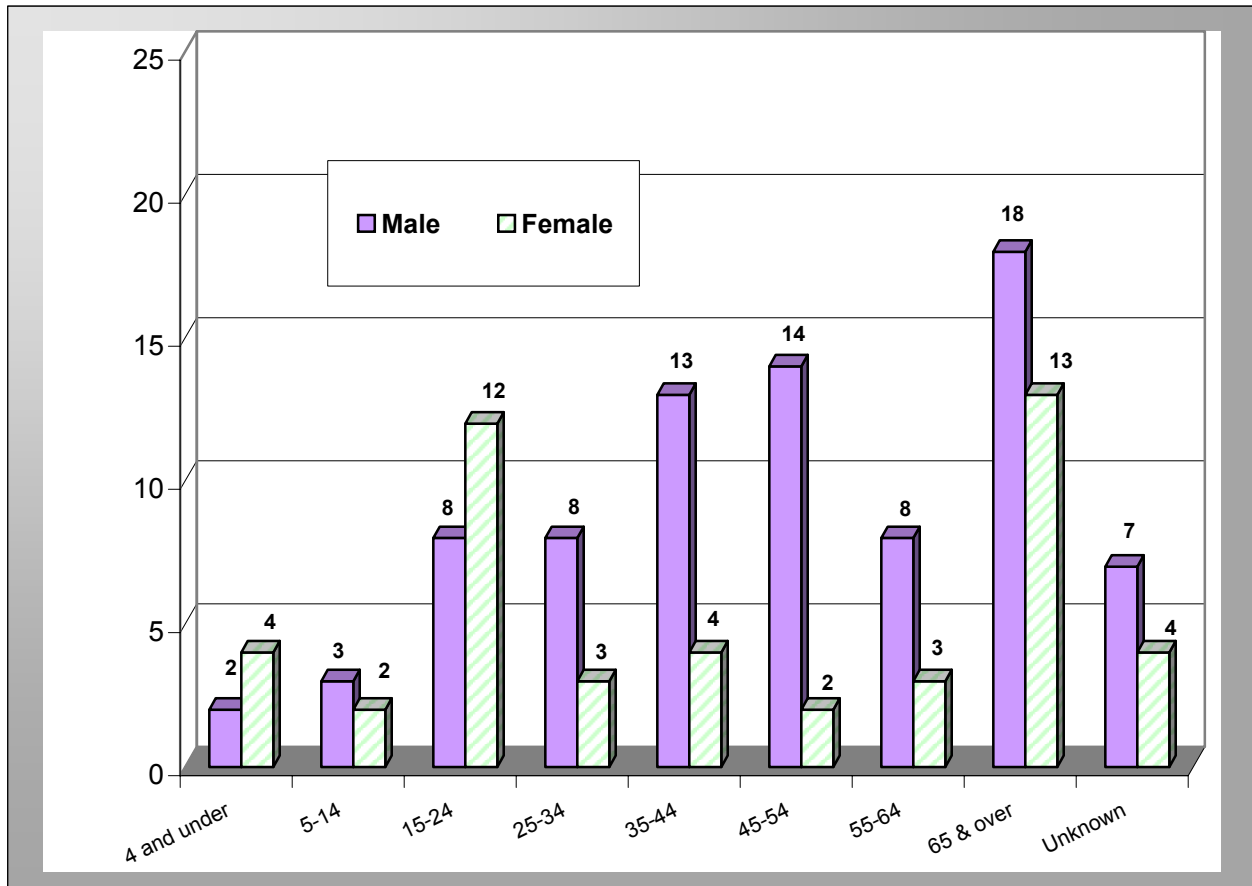
Civilian Deaths in All Fires

The following table shows the number of fire-related civilian deaths by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	2	3	8	8	13	14	8	18	7	81
Female	4	2	12	3	4	2	3	13	4	47
Totals	6	5	20	11	17	16	11	31	11	128

Most civilian fire-related deaths (24%) involved people age 65 and older.

Eighteen (14%) of all civilian fire-related deaths involved males age 65 and over.



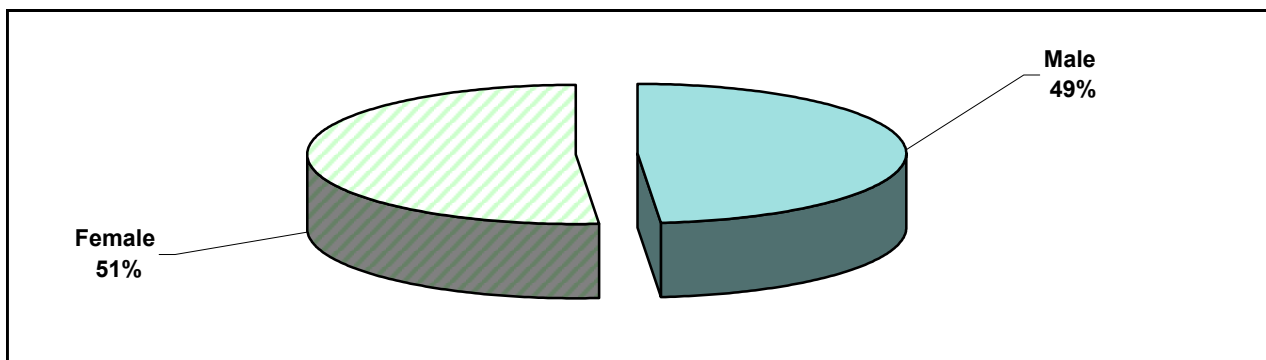
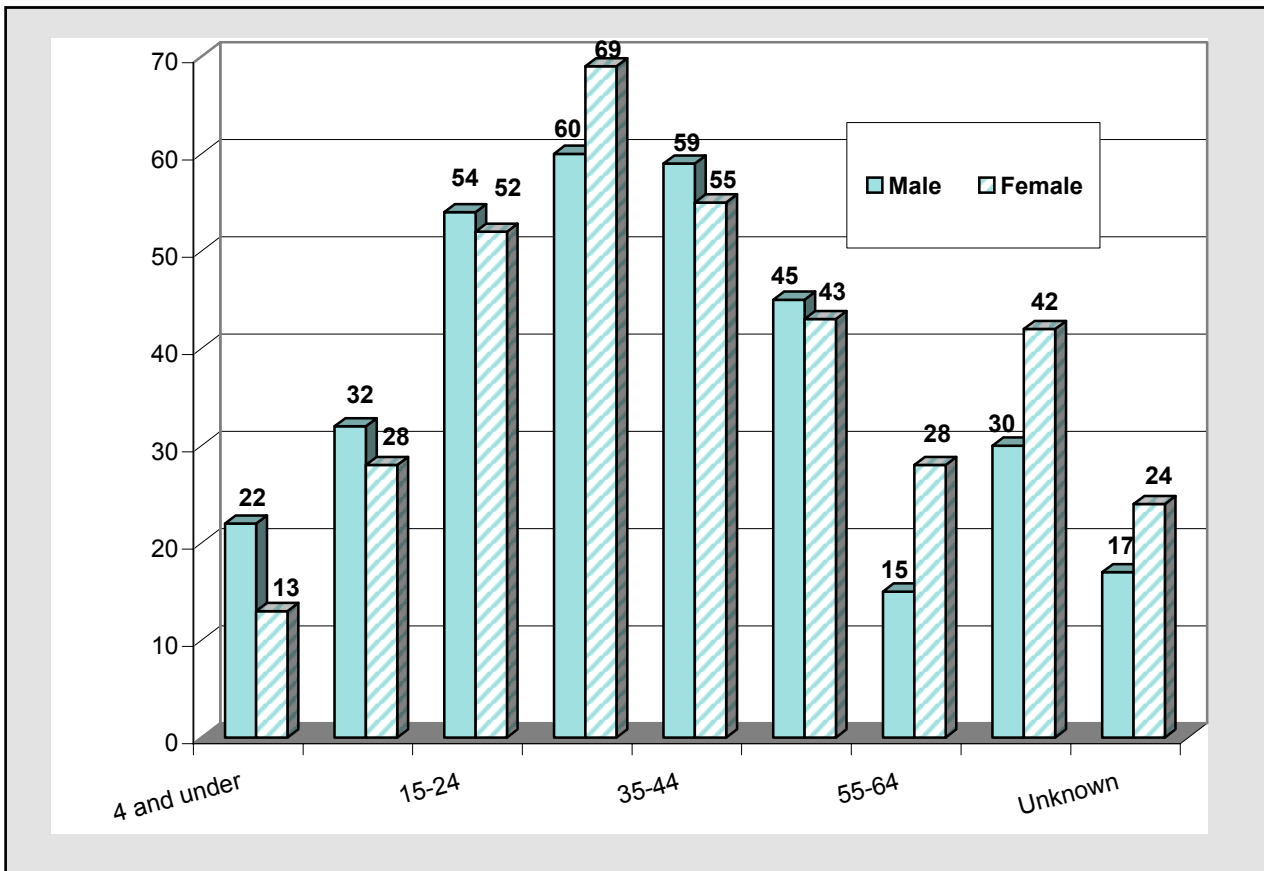
Civilian Injuries in Residential Structure Fires

The following table shows the number of fire-related civilian injuries in residential structure fires by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	22	32	54	60	59	45	15	30	17	334
Female	13	28	52	69	55	43	28	42	24	354
Totals	35	60	106	129	114	88	43	72	41	688

Most civilian injuries in residential structure fires (19%) involved people between the ages 25-34.

Sixty-nine (10%) of civilian residential structure fire injuries involved females between the ages of 25-34.



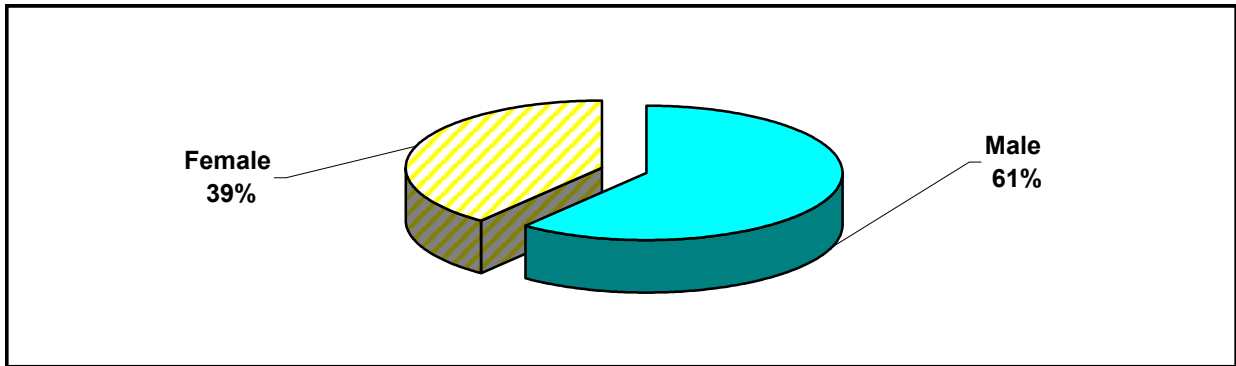
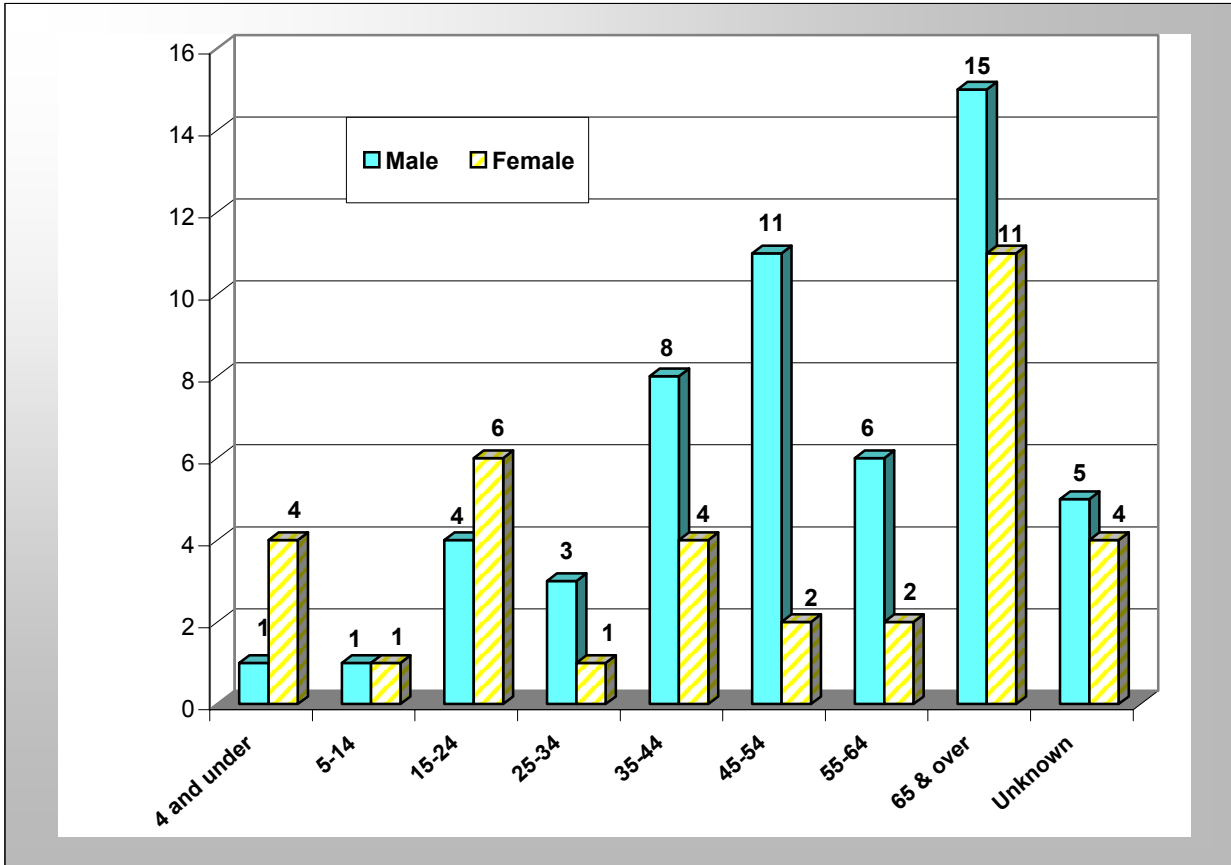
Civilian Deaths in Residential Structure Fires

The following table shows the number of fire-related civilian deaths in residential structure fires by age and gender.

Gender	4 and under	5-14	15-24	25-34	35-44	45-54	55-64	65 & over	Unknown	Totals
Male	1	1	4	3	8	11	6	15	5	54
Female	4	1	6	1	4	2	2	11	4	35
Totals	5	2	10	4	12	13	8	26	9	89

Most civilian deaths in residential structure fires (29%) involved people age 65 and over.

Fifteen (17%) of civilian residential structure fire deaths involved males age 65 and over.



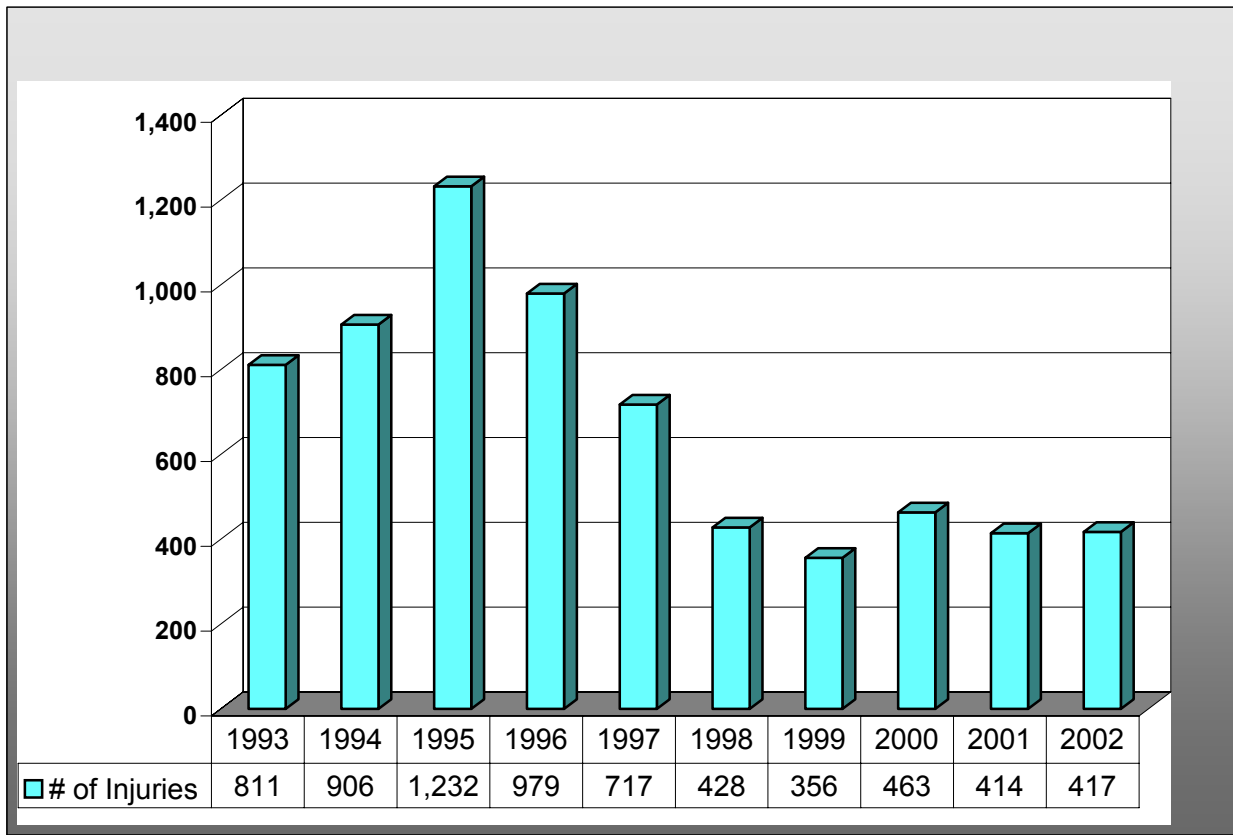
Fire Service Injuries, Deaths in All Incident Types

The table below shows the number of fire service deaths and injuries in all incidents. Mutual aid calls are included.

Incident Type	Injuries	Deaths
Fire	417	2
Overpressure rupture, explosion, overheating - no fire	0	0
Rescue and emergency medical service incidents	239	1
Hazardous conditions - no fire	15	0
Service call	15	0
Good intent call	8	0
False alarm and false call	3	0
Severe weather and natural disaster	0	0
Special incident type	4	0
Totals	701	3

Fire Fighter Injuries 1993-2002

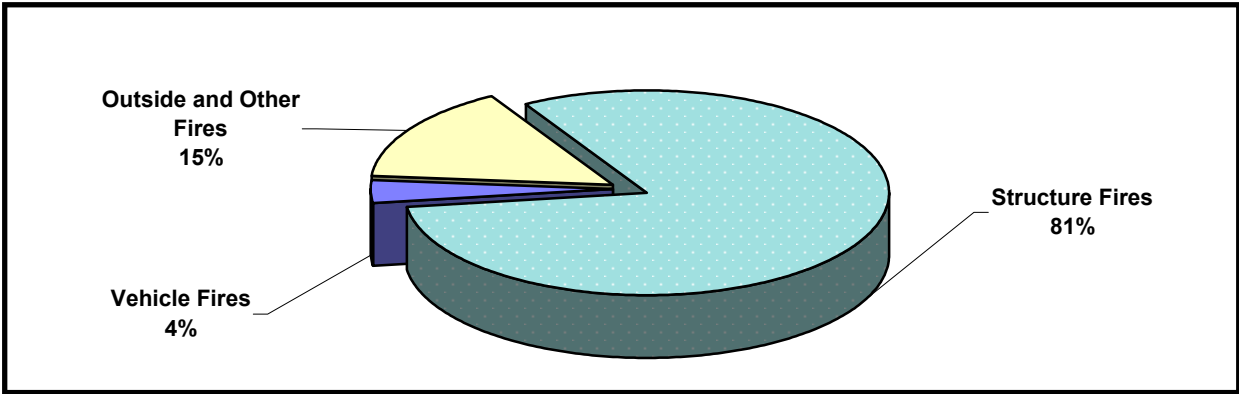
The chart below shows the number of fire-related fire service personnel injuries during the years 1993-2002.



Fire Service Injuries by Type of Fire

The following table shows the number of fire service personnel injuries by type of fire incident.

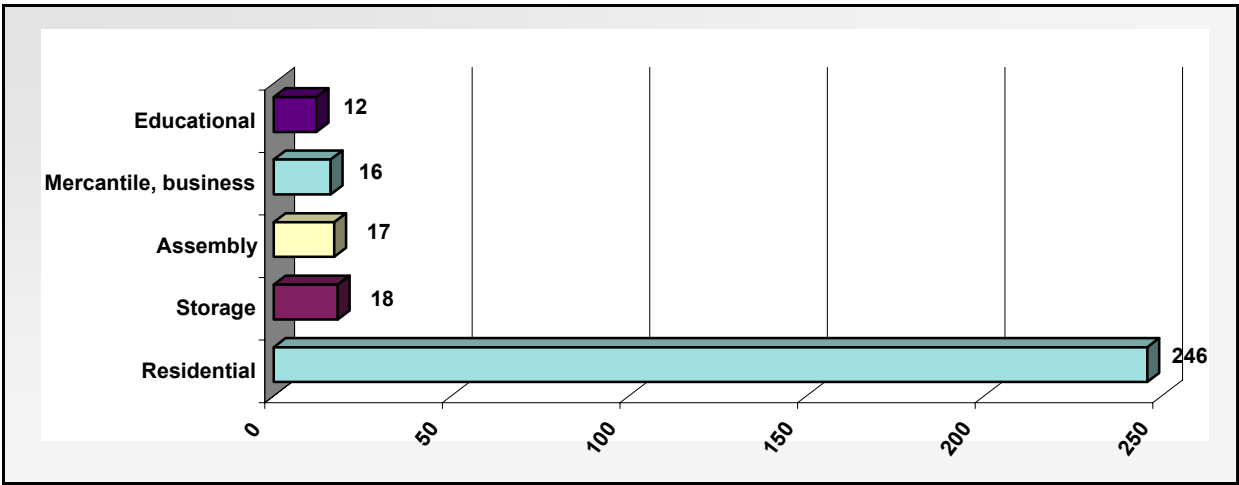
Type of Fire	Injuries
Structure Fires	338
Vehicle Fires	15
Outside and Other Fires	64



Most Frequent Fire Service Injuries by Property Use in Structures

The following table shows the number of fire service injuries in structures by type of property.

Property Use	Injuries
Residential	246
Storage	18
Assembly	17
Mercantile, business	16
Educational	12



59% of all fire service injuries in structures occurred in residential property.

Fire Service Fatalities

As of September 1, 2001, the State Fire Marshal's Office has investigated all line-of-duty deaths involving fire-service personnel in Texas. These investigations are conducted under statutory authority conferred upon the Texas Department of Insurance, State Fire Marshal's Office. For more information on all line-of-duty deaths see our website at <http://www.tdi.state.tx.us/fire/fmlodinvesti.html>.

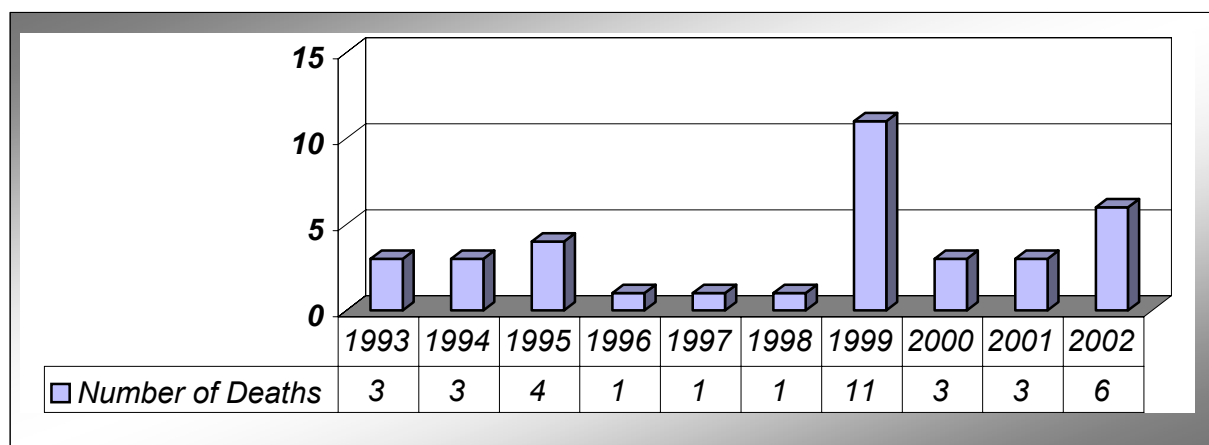
In 2002, TEXFIRS participating fire departments reported three fire service personnel fatalities. Only incidents reported with complete data are reflected in this report.

Incident Type	Emergency Medical	Structure Fire	Grass Fire
Property Type	Service (EMS)	Residential	Outdoor Property
Cause of Fire	Residential	Undetermined	Undetermined
Date	Non-Fire	August 12, 2002	August 12, 2002
Age	April 6, 2002	48	28
Sex	39	Male	Male
Cause of Death	Male	Stress/Exertion	Fell or Jumped
Nature of Death	Stress/Exertion	Heart Attack	Internal Trauma

The following fire fighter fatalities were not included in this report due to incomplete or unreported information.

Incident Type	Structure Fire	Structure Fire	Training Activity
Property Type	Residential	Residential	Educational
Cause of Fire			
Date	February 11, 2002	December 5, 2002	December 13, 2002
Age	42	51	29
Sex	Male	Male	Male
Cause of Death	Caught or Trapped	Stress/Exertion	Stress/Exertion
Nature of Death	Internal Trauma	Heart Attack	Heart Attack

Fire Service Fatalities 1993 - 2002



Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
ANDERSON	5	160	34	38	88
ANDREWS	1	79	23	15	41
ANGELINA	3	214	86	40	88
ARANSAS	2	134	31	17	86
ARCHER	3	32	4	1	27
ARMSTRONG	1	1	0	0	1
ATASCOSA	1	55	7	14	34
AUSTIN	4	73	14	17	42
BAILEY	1	39	5	2	32
BASTROP	4	165	38	32	95
BELL	10	1,126	452	255	419
BEXAR	15	5,243	1,233	1,390	2,620
BOSQUE	3	42	5	3	34
BOWIE	9	696	230	121	345
BRAZORIA	10	338	109	76	153
BRAZOS	5	527	149	110	268
BRISCOE	1	2	1	0	1
BROWN	2	168	55	24	89
BURLESON	4	87	23	12	52
BURNET	4	160	27	17	116
CALDWELL	3	91	27	17	47
CALHOUN	1	71	23	11	37
CALLAHAN	2	54	14	12	28
CAMERON	7	1,817	293	339	1,185
CAMP	1	153	35	20	98
CARSON	2	26	6	4	16
CASS	7	263	56	50	157
CHAMBERS	2	4	3	0	1
CHEROKEE	4	230	77	42	111
CHILDRESS	0	0	0	0	0
CLAY	6	52	3	2	47
COKE	1	14	5	3	6
COLEMAN	1	50	18	6	26
COLLIN	9	1,036	302	183	551
COLLINGSWORTH	0	0	0	0	0
COLORADO	2	14	0	4	10
COMAL	4	322	81	48	193
COMANCHE	2	56	17	13	26
CONCHO	1	6	1	2	3
COOKE	2	156	47	40	69
CORYELL	6	223	57	37	129
CROSBY	0	0	0	0	0
DALLAM	1	10	0	2	8
DALLAS	21	11,822	3,536	3,252	5,034
DAWSON	1	65	25	13	27
DEAF SMITH	1	116	35	22	59
DELTA	1	37	12	8	17
DENTON	17	1,299	348	230	721

Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
DEWITT	1	71	18	19	34
DICKENS	2	24	3	9	12
DIMIT	1	9	4	5	0
DONLEY	1	0	0	0	0
DUVAL	1	24	8	7	9
EASTLAND	4	131	22	22	87
ECTOR	1	140	40	21	79
EL PASO	4	2,162	448	514	1,200
ELLIS	15	794	212	169	413
ERATH	0	0	0	0	0
FALLS	2	56	14	9	33
FANNIN	8	188	50	27	111
FAYETTE	4	156	25	30	101
FISHER	0	0	0	0	0
FLOYD	1	33	8	5	20
FOARD	0	0	0	0	0
FORT BEND	9	710	250	148	312
FRANKLIN	1	34	6	3	25
FREESTONE	4	160	45	29	86
FRIO	2	95	22	25	48
GAINES	1	43	10	5	28
GALVESTON	10	1,067	370	263	434
GILLESPIE	1	5	0	0	5
GOLIAD	1	41	5	8	28
GONZALES	1	1	1	0	0
GRAY	3	74	8	13	53
GRAYSON	8	636	165	122	349
GREGG	6	784	197	176	411
GRIMES	2	116	29	14	73
GUADALUPE	7	291	68	48	175
HALE	1	45	19	14	12
HALL	1	42	7	2	33
HAMILTON	1	14	3	1	10
HANSFORD	1	11	4	2	5
HARDIN	4	108	39	19	50
HARRIS	19	10,274	3,417	3,110	3,747
HARRISON	5	319	89	65	165
HAYS	5	208	40	38	130
HENDERSON	8	184	48	17	119
HIDALGO	11	2,309	405	488	1,416
HILL	1	29	8	3	18
HOCKLEY	1	127	28	15	84
HOOD	3	140	29	24	87
HOPKINS	5	229	63	47	119
HOUSTON	3	181	39	20	122
HOWARD	0	0	0	0	0
HUNT	6	275	57	48	170
HUTCHINSON	2	142	48	22	72

Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
JACKSON	2	47	10	10	27
JASPER	2	129	41	28	60
JEFFERSON	6	1,188	452	265	471
JIM HOGG	1	19	7	3	9
JOHNSON	13	820	232	140	448
JONES	3	108	19	12	77
KARNES	1	43	13	11	19
KAUFMAN	6	251	60	47	144
KENDALL	4	108	26	21	61
KERR	3	113	34	25	54
KIMBLE	0	0	0	0	0
KLEBERG	1	99	13	24	62
LAMAR	1	10	1	0	9
LAMB	1	45	7	8	30
LAMPASAS	2	84	26	9	49
LAVACA	3	131	33	21	77
LEON	2	25	2	2	21
LIBERTY	4	120	41	27	52
LIMESTONE	4	126	28	22	76
LIPSCOMB	1	7	0	0	7
LLANO	2	68	20	4	44
LUBBOCK	2	45	19	6	20
MADISON	0	0	0	0	3
MARION	1	0	0	0	0
MATAGORDA	1	101	45	13	43
MAVERICK	1	29	2	4	23
MCCULLOCH	3	58	16	9	33
MCLENNAN	12	378	96	87	195
MEDINA	4	180	44	39	97
MENARD	0	0	0	0	0
MIDLAND	1	485	175	89	221
MILAM	3	90	21	17	52
MILLS	1	2	0	0	2
MITCHELL	1	69	19	5	45
MONTAGUE	1	3	2	0	1
MONTGOMERY	8	605	175	119	311
MOORE	1	71	22	17	32
MORRIS	5	145	32	23	90
NACOGDOCHES	6	238	74	45	119
NAVARRO	3	261	82	43	136
NEWTON	1	32	11	2	19
NOLAN	0	0	0	0	0
NUECES	6	1,459	407	338	714
OCHILTREE	1	34	8	7	19
OLDHAM	1	11	2	5	4
ORANGE	3	578	152	93	333
PALO PINTO	2	145	34	23	88
PARKER	9	192	35	18	139

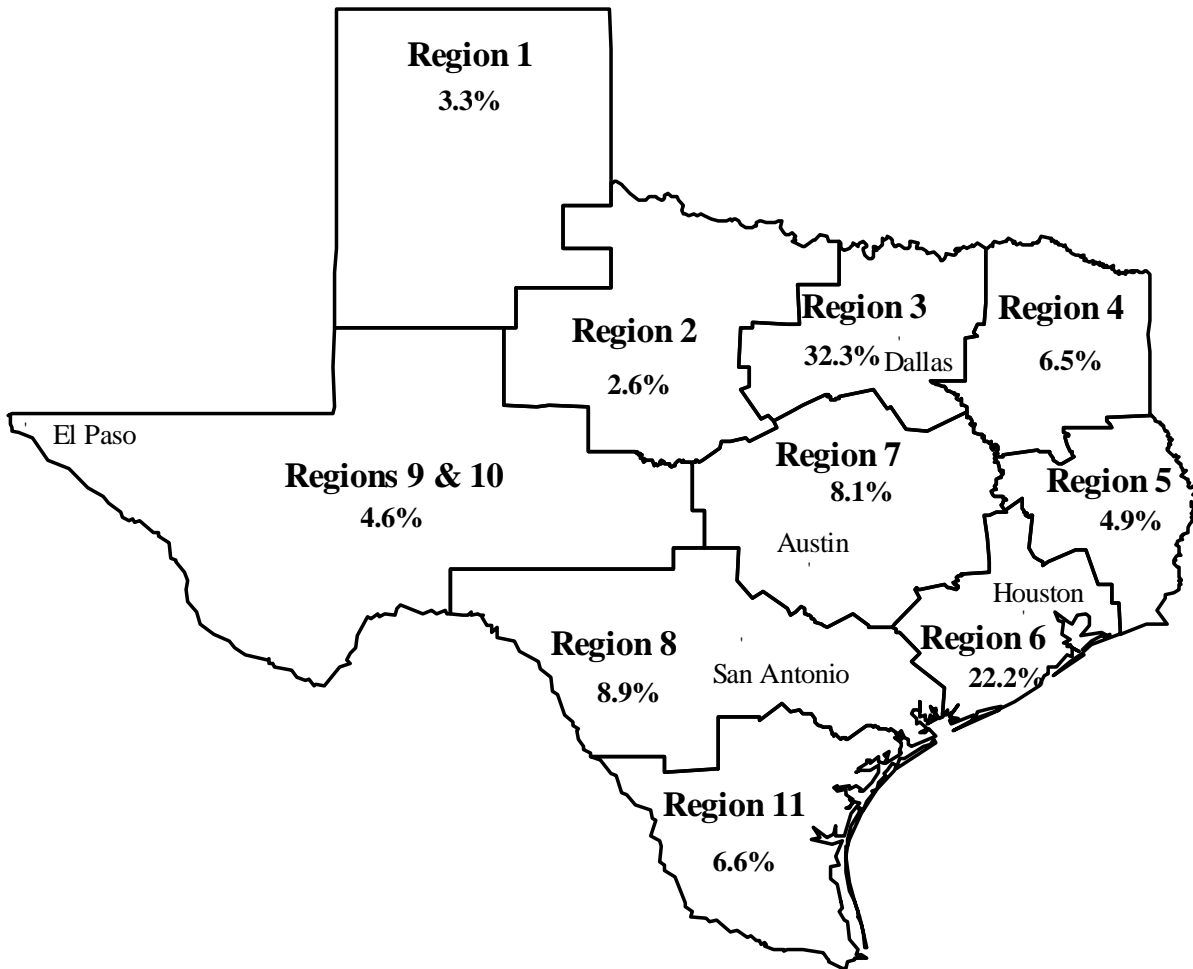
Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
POLK	2	10	2	1	7
POTTER	2	1,084	373	169	542
RAINS	2	17	12	0	5
RANDALL	4	152	39	23	90
RED RIVER	2	88	23	7	58
REEVES	0	0	0	0	0
REFUGIO	2	48	10	15	20
ROBERTS	1	0	0	0	0
ROBERTSON	4	104	13	11	80
RUNNELS	1	37	5	7	25
RUSK	7	178	37	25	116
SABINE	3	20	8	2	10
SAN AUGUSTINE	1	10	2	1	7
SAN JACINTO	4	45	17	1	27
SAN PATRICIO	3	106	29	22	55
SAN SABA	2	51	16	6	29
SCURRY	1	10	2	0	8
SHELBY	4	154	52	24	78
SMITH	2	433	154	125	154
SOMERVELL	0	0	0	0	0
STARR	4	176	27	37	112
STEPHENS	1	80	26	10	44
SUTTON	1	18	3	8	7
SWISHER	0	0	0	0	0
TARRANT	21	4,383	1,368	1,184	1,831
TAYLOR	4	693	239	135	319
TERRY	2	65	12	17	36
TITUS	2	316	77	55	184
TOM GREEN	6	422	181	77	164
TRAVIS	6	1,810	331	334	1,145
TYLER	3	84	30	9	45
UPSHUR	4	157	36	25	96
UPTON	1	3	1	0	2
UVALDE	1	8	1	4	3
VAL VERDE	1	62	14	1	47
VAN ZANDT	8	383	79	61	243
VICTORIA	14	445	143	86	216
WALKER	5	110	36	13	61
WALLER	1	33	4	7	22
WARD	1	3	1	1	1
WASHINGTON	2	76	21	16	39
WEBB	1	601	102	151	348
WHARTON	3	172	48	39	85
WHEELER	1	54	20	8	26
WICHITA	3	75	16	11	48
WILBARGER	1	135	42	29	64
WILLACY	2	33	3	5	25
WILLIAMSON	9	471	138	93	240
WILSON	4	42	7	7	28

Fires By County

County	Reporting Departments	Total Fires	Structure Fires	Vehicle Fires	Outside and Other Fires
WINKLER	1	6	1	1	4
WISE	6	95	21	8	66
WOOD	2	115	30	7	78
YOAKUM	1	32	6	5	21
YOUNG	1	32	16	4	12
ZAPATA	1	21	9	2	10
ZAVALA	1	31	13	7	11

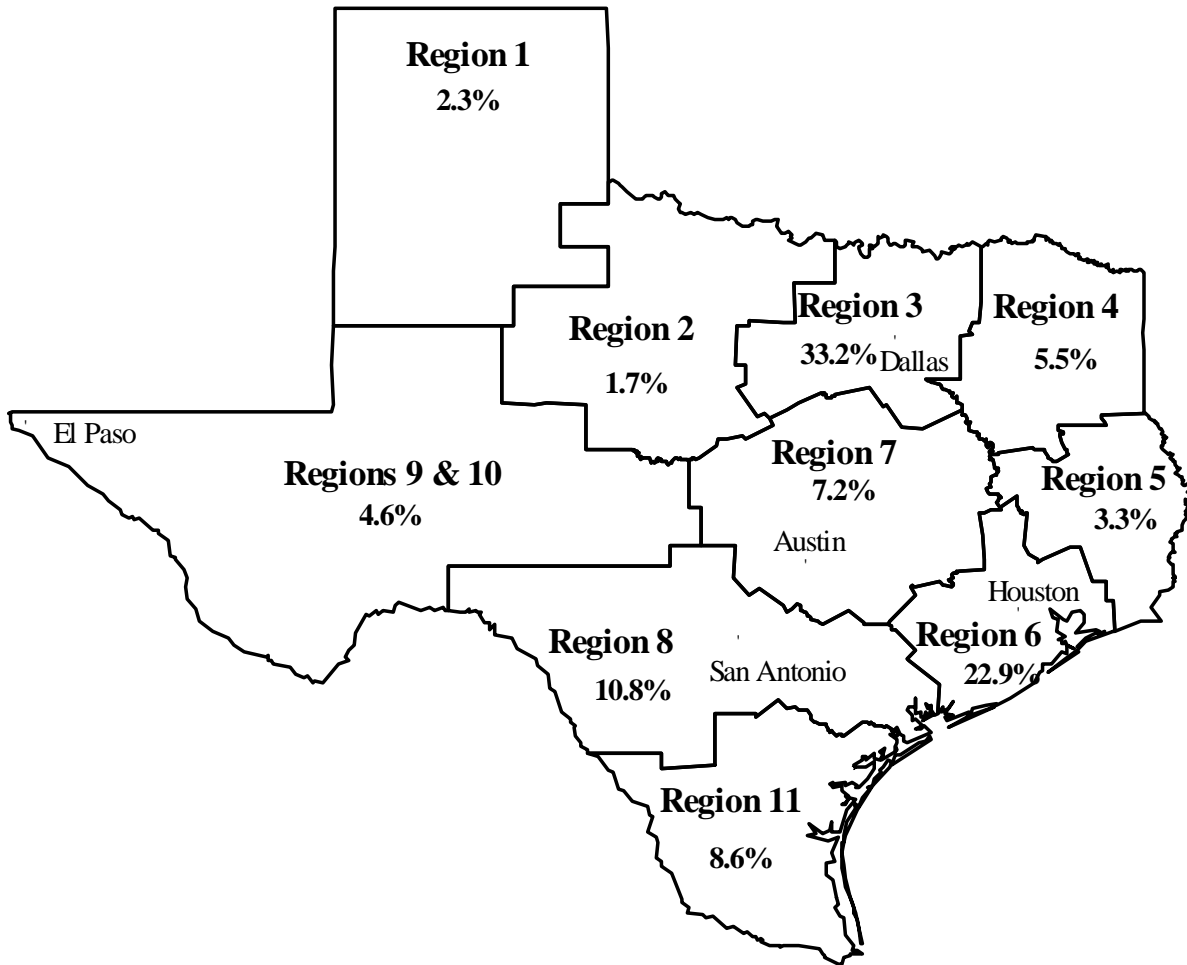
2002 Structure Fires



Texas fire departments reported a total of 20,352 structure fires.

Region 1	3.3%	987	
Region 2	2.6%	519	
Region 3	32.3%	6,578	Dallas Fire Department 2,017 (10% of the state total)
Region 4	6.5%	1,328	
Region 5	4.9%	1,005	
Region 6	22.2%	4,512	Houston Fire Department 2,769 (13.6% of the state total)
Region 7	8.1%	1,654	Austin Fire Department 293 (1.4% of the state total)
Region 8	8.9%	1,802	San Antonio Fire Department 1,103 (5.4% of the state total)
Region 9 and 10	4.6%	930	El Paso Fire Department 426 (2.1% of the state total)
Region 11	6.6%	1,344	

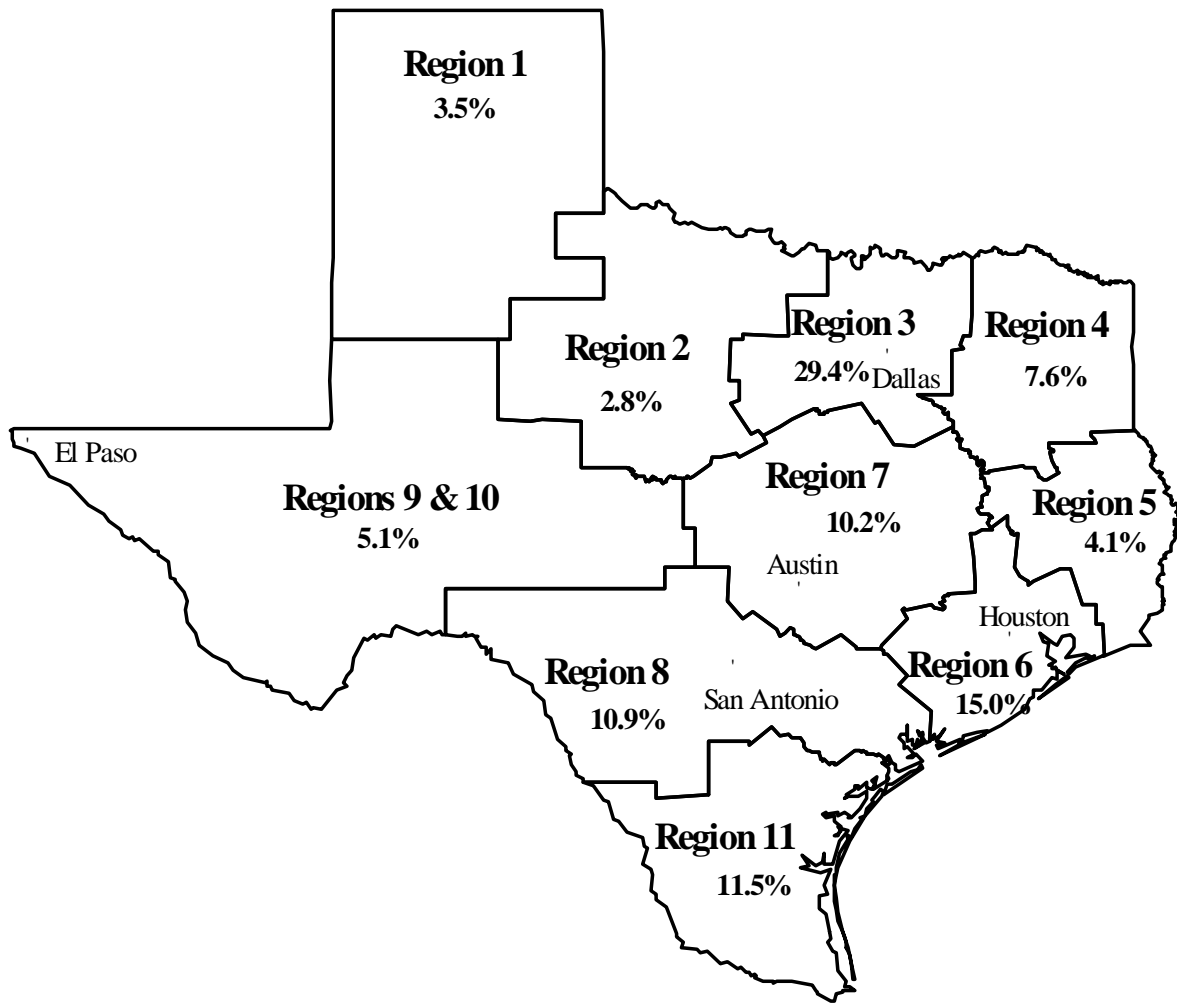
2002 Vehicle Fires



Texas fire departments reported a total of 16,747 vehicle fires.

Region 1	2.3%	377	
Region 2	1.7%	293	
Region 3	33.2%	5,558	Dallas Fire Department 2,205 (13.2% of the state total)
Region 4	5.5%	915	
Region 5	3.3%	550	
Region 6	22.9%	3,836	Houston Fire Department 2,618 (15.6% of the state total)
Region 7	7.2%	1,208	Austin Fire Department 289 (1.7% of the state total)
Region 8	10.8%	1,804	San Antonio Fire Department 1,302 (7.8% of the state total)
Region 9 and 10	4.6%	758	El Paso Fire Department 487 (2.9% of the state total)
Region 11	8.6%	1,448	

2002 Outside and Other Fires



Texas fire departments reported a total of 35,248 outside and other fires.

Region 1	3.5%	1,234	
Region 2	2.8%	973	
Region 3	29.4%	10,357	Dallas Fire Department 3,206 (9.1% of the state total)
Region 4	7.6%	2,688	
Region 5	4.1%	1,436	
Region 6	15.0%	5,273	Houston Fire Department 2,818 (8.0% of the state total)
Region 7	10.2%	3,583	Austin Fire Department 981 (2.8% of the state total)
Region 8	10.9%	3,837	San Antonio Fire Department 2,451 (7.0% of the state total)
Region 9 and 10	5.1%	1,816	El Paso Fire Department 1,116 (3.2% of the state total)
Region 11	11.5%	4,051	



Participating Fire Departments

The Texas Department of Insurance would like to thank the following fire departments that submitted reports to the Texas Fire Incident Reporting System (TEXFIRS) in 2002. This report would not have been possible without their continued cooperation, efforts, and support.

- ☆ 2604 FD
- ☆ 812 VFD
- ☆ Abilene FD
- ☆ Ables Springs FD
- ☆ Addison FD
- ☆ Adell-Whitt VFD
- ☆ Alamo FD
- ☆ Alamo Heights FD
- ☆ Alamo Springs VFD
- ☆ Alief Community VFD
- ☆ Allen FD
- ☆ Alvarado FD
- ☆ Alvin FD
- ☆ Amarillo FD
- ☆ Anahuac VFD
- ☆ Andrews VFD
- ☆ Angelina River VFD
- ☆ Annville VFD
- ☆ Anson FD
- ☆ Appleby FD
- ☆ Aransas Pass FD
- ☆ Arbala VFD
- ☆ Argyle VFD
- ☆ Arlington FD
- ☆ Atlanta FD
- ☆ Aubrey VFD
- ☆ Austin FD
- ☆ Avery VFD
- ☆ Azle FD
- ☆ Bacliff FD
- ☆ Bailey FD
- ☆ Baird VFD
- ☆ Balch Springs FD
- ☆ Balcones Heights FD
- ☆ Ballinger FD
- ☆ Bardwell VFD
- ☆ Bartlett VFD
- ☆ Bastrop VFD
- ☆ Baxter VFD
- ☆ Bay City FD
- ☆ Bayside FD
- ☆ Baytown FD
- ☆ Beaumont FD
- ☆ Bedford FD
- ☆ Bellevue FD
- ☆ Bellmead VFD
- ☆ Bells FD
- ☆ Belmont VFD
- ☆ Belton FD
- ☆ Bertram VFD
- ☆ Bethel Cayuga FD
- ☆ Bishop VFD
- ☆ Black Jack VFD
- ☆ Black Jack VFD
- ☆ Bloomburg VFD
- ☆ Bloomington VFD
- ☆ Blue Ridge VFD
- ☆ Boerne VFD
- ☆ Bonham FD
- ☆ Bono VFD
- ☆ Booker FD
- ☆ Boonsville-Balsora VFD
- ☆ Borger FD
- ☆ Boyd FD
- ☆ Bracken VFD
- ☆ Brady VFD
- ☆ Brazoria FD
- ☆ Brazos County Pct #3
- ☆ Brazos County Pct #4
- ☆ Breckenridge FD
- ☆ Bremond VFD
- ☆ Brenham FD
- ☆ Briar Oaks VFD
- ☆ Briar VFD
- ☆ Bridge City F&R
- ☆ Briggs VFD
- ☆ Brinker VFD
- ☆ Bristol VFD
- ☆ Brownfield FD
- ☆ Brownsville FD
- ☆ Brownwood FD
- ☆ Bryan FD
- ☆ Buckholts VFD
- ☆ Buda VFD
- ☆ Buffalo Gap VFD
- ☆ Buffalo VFD
- ☆ Burkburnett VFD
- ☆ Burleson FD
- ☆ Burnet VFD
- ☆ Butler VFD
- ☆ C-5 VFD
- ☆ Callender Lake VFD
- ☆ Calvert VFD
- ☆ Cameron VFD
- ☆ Caney City VFD
- ☆ Canton VFD
- ☆ Canyon FD
- ☆ Canyon Lake Fire/EMS
- ☆ Carancahua VFD
- ☆ Carlisle VFD
- ☆ Carlsbad VFD
- ☆ Carrizo Springs VFD
- ☆ Carrollton FD
- ☆ Cass County RFD #2
- ☆ Castle Hills FD
- ☆ Castroville VFD
- ☆ Cat Spring VFD
- ☆ CE-Bar VFD
- ☆ Cedar Hill FD
- ☆ Cedar Park FD
- ☆ Celina FD
- ☆ Center FD
- ☆ Centerhill VFD
- ☆ Central Community VFD
- ☆ Central High FD
- ☆ Chalk Bluff VFD
- ☆ Charlie-Thornberry VFD
- ☆ Chatfield VFD
- ☆ Cherokee VFD
- ☆ Church Hill VFD
- ☆ Cibolo FD
- ☆ Circle D VFD
- ☆ Cisco FD
- ☆ Clarksville FD
- ☆ Clarksville-Warren FD
- ☆ Cleburne FD
- ☆ Clint VFD
- ☆ Cloverleaf VFD
- ☆ Clute VFD
- ☆ Clyde FD
- ☆ Coffee City VFD
- ☆ Coldspring VFD

☆ Coleman FD	☆ East Concho VFD	☆ Godley FD
☆ College Station FD	☆ East Tx Regional Airport PSD	☆ Goliad VFD
☆ Colorado City VFD	☆ East Wise F&R	☆ Gordon VFD
☆ Columbus VFD	☆ Eastland VFD	☆ Gordonville VFD
☆ Comanche VFD	☆ Eastside VFD	☆ Graham FD
☆ Comfort VFD	☆ Ector FD	☆ Granbury VFD
☆ Commerce FD	☆ Edcouch VFD	☆ Grand Prairie FD
☆ Conroe FD	☆ Eden VFD	☆ Grand Saline VFD
☆ Converse VFD	☆ Edgecliff Village VFD	☆ Grape Creek VFD
☆ Cool-Garner FD	☆ Edinburg FD	☆ Grapeland VFD
☆ Cooper VFD	☆ Edna VFD	☆ Grapevine FD
☆ Coppell FD	☆ El Campo FD	☆ Greenwood RVFD
☆ Copperas Cove FD	☆ El Paso FD	☆ Groesbeck VFD
☆ Corpus Christi FD	☆ Ellis County ESD #1/Maypearl	☆ Groves VFD
☆ Corsicana FD	☆ Elmwood VFD	☆ Gun Barrel City FD
☆ Cottondale VFD	☆ Elsa FD	☆ Gustine VFD
☆ County Road 143 VFD	☆ Emory FD	☆ Hallettsville VFD
☆ Crabbs Prairie VFD	☆ Ennis FD	☆ Hallsville FD
☆ Crafton VFD	☆ Etoile VFD	☆ Hardin VFD
☆ Crandall VFD	☆ Eules FD	☆ Harker Heights FD
☆ Crescent Valley VFD	☆ Evant VFD	☆ Harlingen FD
☆ Crims Chapel VFD	☆ Everman FD	☆ Harmony VFD
☆ Crockett VFD	☆ Ewell VFD	☆ Harrison County RFPD #2
☆ Crowell VFD	☆ Fairfield VFD	☆ Hawley VFD
☆ Crowley FD	☆ Fairmount VFD	☆ Hemphill VFD
☆ Crystal City VFD	☆ Farmers Branch FD	☆ Henderson FD
☆ Cuero FD	☆ Farmersville VFD	☆ Hereford FD
☆ Cypress Creek VFD	☆ Ferris FD	☆ Hewitt FD
☆ Dacasta VFD	☆ Flatonia VFD	☆ Hico VFD
☆ Daingerfield VFD	☆ Flour Bluff VFD	☆ Highland Village FD
☆ Dallas FD	☆ Flower Mound FD	☆ Hilltop Lakes VFD
☆ Damon VFD	☆ Floydada VFD	☆ Hitchcock VFD
☆ Dean Dale VFD	☆ Fordtran VFD	☆ Holiday Beach FD
☆ Deanville VFD	☆ Forest Hill FD	☆ Holliday VFD
☆ DeKalb VFD	☆ Fort Worth FD	☆ Hollywood Park VFD
☆ Denison FD	☆ Franklin VFD	☆ Hondo VFD
☆ Denning / New Hope VFD	☆ Fred VFD	☆ Hooks VFD
☆ Denton FD	☆ Freer VFD	☆ Hoover VFD
☆ Denver City VFD	☆ Fresno VFD	☆ Hopkins County F&R
☆ Deport VFD	☆ Friendswood FD	☆ Horseshoe Bay VFD
☆ DeSoto VFD	☆ Frisco VFD	☆ Houston FD
☆ Devers VFD	☆ Fritch VFD	☆ Howard Wick VFD
☆ Devine VFD	☆ Fruitvale VFD	☆ Hughes Springs VFD
☆ DFW Airport DPS	☆ Fulshear Simonton VFD	☆ Humble FD
☆ Dickinson VFD	☆ Gainesville FD	☆ Huntsville FD
☆ Dilley VFD	☆ Galveston FD	☆ Hurst FD
☆ Dodd City VFD	☆ Garland FD	☆ Hutchins VFD
☆ Double Oak FD	☆ Garrett Area VFD	☆ Hutto VFD
☆ Douglassville VFD	☆ Gatesville FD	☆ Idalou VFD
☆ Dumas FD	☆ Georgetown FD	☆ Indian Springs FD
☆ Duncanville FD	☆ Geronimo VFD	☆ Inez VFD
☆ Eagle Creek VES	☆ Gholson VFD	☆ Ingleside VFD
☆ Eagle Pass FD	☆ Gilmer FD	☆ Ingram VFD
☆ Earl's Chapel VFD	☆ Gladewater FD	☆ Iredell VFD
☆ East Bernard VFD	☆ Glenwood Acres VFD	☆ Irving FD

☆ Italy VFD	☆ League City FD	☆ Memphis FD
☆ Jacinto City VFD	☆ Leander FD	☆ Mercedes FD
☆ Jacksonville FD	☆ Lefors VFD	☆ Merit VFD
☆ Jasper FD	☆ Leon Valley FD	☆ Merkel VFD
☆ Jenkins VFD	☆ Leroy VFD	☆ Mesquite FD
☆ Jersey Village FD	☆ Levelland FD	☆ Mexia FD
☆ Jim Hogg County FD #2	☆ Levita FD	☆ Meyersville VFD
☆ Joaquin VFD	☆ Lewisville FD	☆ Miami/Roberts County VFD
☆ Jolly VFD	☆ Liberty Chapel VFD	☆ Midland FD
☆ Jollyville VFD	☆ Liberty Eylau VFD	☆ Midlothian FD
☆ Jonesboro VFD	☆ Liberty FD	☆ Mid-North FD
☆ Joshua FD	☆ Liberty Hill VFD	☆ Milford VFD
☆ Joy VFD	☆ Lillian VFD	☆ Miller Grove VFD
☆ Justin FD	☆ Lindsay VFD	☆ Mineola FD
☆ Karnes City VFD	☆ Little Elm VFD	☆ Mineral Wells FD
☆ Katy VFD	☆ Little River Academy VFD	☆ Mission FD
☆ Keene FD	☆ Littlefield FD	☆ Mission Valley VFD
☆ Keller F&R	☆ Live Oak FD	☆ Missouri City FD
☆ Kemah VFD	☆ Liverpool VFD	☆ Moffat VFD
☆ Kemp VFD	☆ Llano VFD	☆ Montana Vista FD
☆ Kempner VFD	☆ Lockhart FD	☆ Montgomery FD
☆ Kendalia FD	☆ Locust VFD	☆ Morgan Point VFD
☆ Kennedale FD	☆ Log Cabin VFD	☆ Moulton VFD
☆ Kerens VFD	☆ Lohn VFD	☆ Mount Vernon VFD
☆ Kerrville FD	☆ Lone Oak FD	☆ Mountain Home VFD
☆ Kicaster VFD	☆ Lone Pine VFD	☆ Mt. Pleasant VFD
☆ Kilgore FD	☆ Lone Star VFD	☆ Muleshoe VFD
☆ Killeen FD	☆ Lone Tree Community VFD	☆ Murphy F&R
☆ Kingsbury VFD	☆ Longhorn VFD	☆ Myrtle Springs VFD
☆ Kingsville FD	☆ Longview FD	☆ Nacogdoches FD
☆ Kingtown VFD	☆ Lorena VFD	☆ Naples FD
☆ Knippa ES	☆ Lovelady VFD	☆ Nassau Bay VFD
☆ Kountze VFD	☆ Lufkin FD	☆ Natalia VFD
☆ Krum VFD	☆ Luling FD	☆ Navasota VFD
☆ Kyle FD	☆ Lumberton F&R	☆ Nederland F&R
☆ La Casita FD	☆ Lyford VFD	☆ Neiderwald VFD
☆ La Feria VFD	☆ Mabank VFD	☆ New Boston VFD
☆ La Grange VFD	☆ Macedonia VFD	☆ New Braunfels FD
☆ La Junta FD	☆ Manor VFD	☆ New Caney VFD
☆ Lacy Lakeview VFD	☆ Mansfield FD	☆ New Salem FD
☆ Laguna Vista VFD	☆ Manvel VFD	☆ New Summerfield VFD
☆ Lake Arrowhead VFD	☆ Marble Falls VFD	☆ Newton FD
☆ Lake Bridgeport VFD	☆ Marietta VFD	☆ Nocona FD
☆ Lake Brownwood VFD	☆ Marlin FD	☆ Nolan VFD
☆ Lake Cities VFD	☆ Marshall FD	☆ Nolanville FD
☆ Lake Conroe VFD	☆ Mart VFD	☆ Nome VFD
☆ Lake Mexia VFD	☆ Maud VFD	☆ North Fannin County VFD
☆ Lake Nacogdoches Area VFD	☆ Maxwell VFD	☆ North Hays County VFD
☆ Lake Palestine East VFD	☆ Mayhill VFD	☆ North Hood County VFD
☆ Lake Tanglewood VFD	☆ McAdoo VFD	☆ North Richland Hills FD
☆ Lakeside City VFD	☆ McAllen FD	☆ Northeast F&R
☆ Lamesa FD	☆ McFaddin VFD	☆ Northwest VFD
☆ Lampasas FD	☆ McLean VFD	☆ Nursery VFD
☆ Lancaster FD	☆ McQueeney VFD	☆ Oakhurst VFD
☆ Laredo FD	☆ Meadow VFD	☆ Odessa FD

☆ Ogburn FD	☆ Richardson FD	☆ Silver Creek VFD
☆ Oglesby FD	☆ Richland Hills FD	☆ Silverton VFD
☆ Old River-Winfree VFD	☆ Richmond FD	☆ Smithville VFD
☆ Olden FD	☆ Richwood VFD	☆ Snook VFD
☆ Omaha VFD	☆ Riesel VFD	☆ Snyder FD
☆ Orange County ESD #1	☆ Rio Grande City FD	☆ Somerville VFD
☆ Orange FD	☆ River Plantation VFD	☆ Sonora VFD
☆ Osage VFD	☆ Rivercrest/Redland VFD	☆ Sour Lake VFD
☆ Overton FD	☆ Riverside VFD	☆ South Brazos County FD
☆ Ovilla VFD	☆ Roanoke VFD	☆ South Houston FD
☆ Palestine FD	☆ Robert Lee VFD	☆ South Montgomery VFD
☆ Panhandle VFD	☆ Robinson VFD	☆ South Nacogdoches County VFD
☆ Pantego FD	☆ Robstown VFD	☆ South Polk County VFD
☆ Pasadena VFD	☆ Rock Island VFD	☆ South Shore VFD
☆ Pattison Area VFD Inc.	☆ Rockdale VFD	☆ South Van Zandt VFD
☆ Pearsall VFD	☆ Rockport VFD	☆ Southern Oaks VFD
☆ Peaster VFD	☆ Rocky Branch VFD	☆ Southlake FD
☆ Pecan Creek VFD	☆ Rolling Oaks VFD	☆ Southside Place FD
☆ Pedernales ES/TCESD #8	☆ Rosebud VFD	☆ Southwest Rains VFD
☆ Perryton FD	☆ Rosehill VFD	☆ Spearman VFD
☆ Pharr FD	☆ Rosenberg FD	☆ Spring Branch FD
☆ Pilot Point FD	☆ Rosita VFD	☆ Spring VFD
☆ Pine Prairie VFD	☆ Rosser VFD	☆ Spur VFD
☆ Pine Ridge VFD	☆ Round Rock VFD	☆ St. Hedwig VFD
☆ Pittsburg FD	☆ Rowlett FD	☆ Stafford VFD
☆ Placedo VFD	☆ Sachse FD	☆ Stamford FD
☆ Plainview FD	☆ Saginaw FD	☆ Star FD
☆ Plano FD	☆ Salado VFD	☆ Stockdale VFD
☆ Pleasant Grove VFD	☆ Sam Bass VFD	☆ Sugar Hill VFD
☆ Pleasanton VFD	☆ San Angelo FD	☆ Sugar Land FD
☆ Point Blank VFD	☆ San Antonio FD	☆ Sullivan City VFD
☆ Ponder VFD	☆ San Benito VFD	☆ Sulphur Springs FD
☆ Port Arthur FD	☆ San Felipe - Frydek VFD	☆ Surfside Beach FD
☆ Port Isabel FD	☆ San Isidro FD	☆ Taft VFD
☆ Port Lavaca FD	☆ San Juan FD	☆ Tarkington VFD
☆ Port Neches FD	☆ San Leon VFD	☆ Teague FD
☆ Portland VFD	☆ San Saba VFD	☆ Telephone VFD
☆ Potter County F&R	☆ Sand Hills VFD	☆ Telferner VFD
☆ Pottsboro FD	☆ Sandy Oaks FD	☆ Telico FD
☆ Prairie Hill VFD	☆ Sanger FD	☆ Temple FD
☆ Preston FD	☆ Schertz FD	☆ Tenaha VFD
☆ Quail Creek FD	☆ Schulenburg VFD	☆ Tennessee Colony FD
☆ Raisin VFD	☆ Seagoville FD	☆ Terrell FD
☆ Rancho Viejo VFD	☆ Sealy VFD	☆ Terrell Hills FD
☆ Randolph VFD	☆ Seguin FD	☆ Texarkana FD
☆ Ranger FD	☆ Selma FD	☆ Texas City FD
☆ Rankin FD	☆ Seminole VFD	☆ Texline VFD
☆ Ravenna VFD	☆ Shady Oaks VFD	☆ The Woodlands VFD
☆ Raymondville FD	☆ Shamrock Shores VFD	☆ Thomas Lake VFD
☆ Red Oak VFD	☆ Shamrock VFD	☆ Thompsons VFD
☆ Red Springs VFD	☆ Shavana Park FD	☆ Tierra Linda VFD
☆ Redwater VFD	☆ Shelbyville VFD	☆ Tiki Island VFD
☆ Refugio VFD	☆ Shenandoah DPS	☆ Timbercreek Canyon VFD
☆ Reno FD	☆ Sherman FD	☆ Tolar VFD
☆ Richards VFD	☆ Sherwood Shores FD	☆ Travis County FR/TCESD #11

- ☆ Trinidad VFD
- ☆ Trophy Club VFD
- ☆ Tulia FD
- ☆ Tye FD
- ☆ Tyler FD
- ☆ Universal City FD
- ☆ University Park FD
- ☆ Val Verde County RVFD
- ☆ Valley Mills VFD
- ☆ Vega FD
- ☆ Venus VFD
- ☆ Vernon FD
- ☆ Victoria FD
- ☆ Village FD
- ☆ Voca VFD
- ☆ Waco Bay VFD
- ☆ Wall VFD
- ☆ Wallis FD
- ☆ Walnut Springs VFD
- ☆ Warren VFD
- ☆ Watauga VFD
- ☆ Waterwood VFD
- ☆ Waxahachie FD
- ☆ Waxahachie Rural VFD
- ☆ Weir FD
- ☆ Weslaco FD
- ☆ West FD
- ☆ West I-10 VFD
- ☆ West Tawakoni FD
- ☆ West University Place FD
- ☆ West Valley VFD
- ☆ Westlake FD/TCESD #9
- ☆ Westminster FD
- ☆ Westside VFD
- ☆ Wharton VFD
- ☆ White Deer VFD
- ☆ White Oak VFD
- ☆ Wichita East VFD
- ☆ Wichita West VFD
- ☆ Wickett VFD
- ☆ Wild Peach VFD
- ☆ Willow Park VFD
- ☆ Wills Point FD
- ☆ Wimberley VFD
- ☆ Winchester Area VFD
- ☆ Windcrest VFD
- ☆ Windthorst VFD
- ☆ Wink VFD
- ☆ Wolfe City VFD
- ☆ Wolfforth FD
- ☆ Woodlawn VFD
- ☆ Woodville VFD
- ☆ Woodway DPS FS
- ☆ Wylie FD
- ☆ Yoakum FD
- ☆ Zapata County FD
- ☆ Zavalla VFD

TEXFIRS 2002

Five-Year Incident Comparison

	1998	1999	2000	2001	2002
FIRES					
Structure	20,881	20,279	21,134	21,033	20,352
Vehicle	19,230	18,900	18,440	18,118	16,747
Other Fires	<u>40,137</u>	<u>39,770</u>	<u>43,269</u>	<u>35,463</u>	<u>35,248</u>
TOTAL FIRES	80,248	78,949	82,843	74,614	72,347
TOTAL FIRE LOSS	\$ 352,395,715	\$376,531,754	\$367,632,909	\$ 396,384,970	\$ 373,020,577
OVERPRESSURE RUPTURES	2,209	2,133	2,883	3,113	3,062
RESCUE/EMS CALLS	342,719	339,910	380,675	432,331	534,866
HAZARDOUS CONDITION CALLS	43,316	40,566	43,839	49,774	52,367
SERVICE CALLS	57,548	54,827	60,596	61,280	67,017
GOOD INTENT CALLS	90,155	88,024	97,278	97,104	97,074
FALSE CALLS					
Malicious	13,088	12,366	12,830	13,235	12,733
Other False Calls	<u>91,008</u>	<u>92,775</u>	<u>102,712</u>	<u>106,621</u>	<u>106,794</u>
TOTAL FALSE CALLS	104,096	105,141	115,542	119,856	119,527
SEVERE WEATHER AND NATURAL DISASTER new category			164	436	729
MUTUAL AID GIVEN	22,183	19,565	19,113	18,867	23,763
ALL OTHER CALLS	9,849	9,804	11,950	12,025	8,293
TOTAL CALLS	752,323	738,919	814,883	869,400	979,045